<211> 683
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G

<400> 6487
cagaagccca gtcaggaata catcgattgt atgcgccgac tgcaggccaa tctggcatac   60
ctggcaacta tcgccgaccg cgccaagaaa tctggaggag tgcctcctac agcaccaagt   120
atcatgacgc cgcccccaca catgccgtcc atgaacgaaa tgtataagaa gctcgctgag   180
ctgttcccac gcacggcgcc aggcaccact ggaacgcccc agccaagtcc tcagggcaat   240
ggaaagccca gcccctctcc agctactgag accgtcgtct gagcaaagtc aatggtttgg   300
aatgatccga taattcacac gtgcgcgcag tccccattgt cgagaaattg ggcgattccg   360
gctcagcgca atgttgggga acaaagctcc ataggcgcta tctcttcagt tgagactcac   420
attcaacgcc acagctggac gccaacatac tcacaaaatc atctgtctat gacccggaac   480
tgtccttgct aatgtggctt gcaaatcaat ccgcggatta atcctgatgg agttcagctt   540
ggcaaaggtc ggatatcaag ggtatatgag aaagcctctt ccgcaaggaa cctgttggng   600
gaatgccgtg tgcccccagg tgtgagactc aaaagtccac ctgtggaacc agctggggtt   660
tctactaaaa ttatgtccgg aac   683

<210> 6488
<211> 671
<212> DNA
<213> Aspergillus oryzae

<400> 6488
ctctatcagt tcaaagctct ttcagtattt caaagacttc aaagccatct acacttccac   60
tttatctctt ctcaaaagac aaaccagata ccgatctacc ttcttcaaga tgtacaccta   120
cactcctacc cacaagttcc tcgttctctc tcccatccac tctggtccca tgaatgacca   180
ggctgagagc aaggagccaa ctcaagtccg tgaacgctcc agcagccagt cttccacagc   240
ctctgccgga tcgcagctga ggggtgcctt ctcccctctc cccggtggct tcctttacct   300
gggacacgag caagacagaa actaaattct gacgccacat aagcttgcgc acgccatccc   360
acttcaccaa tcgcgctgga cacgatacat ctgcaagcgc ctcagcccaa attcaccctg   420
caccggacga agggaaggag cactagcggt ttcatttctt tattgttttc aaacatcagt   480
ttctttacga gatggttcct tatctctttg aatgattttt ctgtttcggt gtttacctct   540
tcaccacatc aatgatacca cactgccagg gaaaaagggg gttgaaagtg aagaatgaag   600
tgaatgtttg ccaaggagat gttgatactt gccaagccct gtgcagtgaa attcaaattc   660
aataggctgt c   671

<210> 6489
<211> 851
<212> DNA
<213> Aspergillus oryzae

<400> 6489
ggtcagctca actctgatct tcgcaagttg gccgtcaaca tggttccttt ccctcgtctt   60
cacttcttca tggttggctt cgctcctctg accagccgcg gtgcccactc tttccgtgcc   120
ggctccgttc ctgagttgac ccagcagatg ttggacccta agaacatgat ggctgcttct   180
gacttccgta acggtcgtta cttcacctgc tctgtatatc ttcgcggaaa ggtctccatg   240
aaggaggttg aggaccagat gcgcaacatc cagagcaaga accagaccta cttcgtcgag   300
tggatcccca acaacatcca gaccgccctg tgctccattc ctcccgtgg tctcaagatg   360
tcctccacct tcattggaaa ctccacctcc atccaggagc tcttcaagcg tgtcggcgac   420
cagttcactg ctatgttccg tcgcaaggct ttcttgcatt ggtacactgg taaggqtatg   480
gacgagatgg agttcactga ggctgagagc aacatgaacg accttgtctt cgagtaccag   540
cagtaccagg atgcctccat ctccgagggc gaggaggaat acctcgagga ggaggagccc   600
cttgagcacg aggagtaaat agcttccagt cactaaagac tcggattgat atctggcagc   660
aaaacccttg ataagtccac gttctctgtg gctttggcct ggttcacggg tcatggtcat   720

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tacattattt tgtcagagcg tttttaataa ctttcctgtt cttaatttcg aaaggcctgt      780
agagcccttg agactattga aatccaacag cacatagttc aaaagcaatc aactggtgca      840
gtatcctgtc c                                                          851


<210> 6490
<211> 691
<212> DNA
<213> Aspergillus oryzae

<400> 6490
cttttcctag aatagtcaac tgccaacgca tctattagca ccatggctgc taatactaga       60
tatgagccag ctcctcagcg ggactcgttt gaggagcgcg gatacactca gcccccgcca      120
tcttatcagg caacggccga atactcacaa gcgcctcgca gtgaggacga caatgttccc      180
gatgacttca aattcggtgg aatggtcgca gaaggaacgc tacctatccg gatgcaattt      240
gtccggaagg tctatgccat cctaactgca cagctcctgt tgaccaccat catgagctcg      300
atctccttct tcagcgacag ctaccgccta tggattcagt ccaacttctg gctgatgatc      360
gtctcagtct tcggtgcctt gggtttatg ctcgtaacat actggaagcg caagagctac      420
ccggccaacc ttcttttcct gactgctttc acggttctcg aggctactc catcagtgtc      480
gtgacatcct tctatgacgc gcgcatcgta gtgcaagccc ttatcctgac gctcggcatg      540
ttcgtcgcgc tcacgctctt cgcatgccag acgaagtacg atttcacgaa ctggatgcca      600
tacctgtttg gtgcgctctg gttcttgatc ctgttcggct tcgtcgctgc gttccttccc      660
aacagctcta ccgttgagct tatctacagc g                                    691


<210> 6491
<211> 750
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 6491
agaaagannn nnnnngnncc ctgaagccat tgtnatgacn ggctttgtag ctacgaccgc       60
attaggatgc gaatcggtac gaggcgannc tttacgaggg tcctcttttg acgacgtttt      120
taaaanagac ggcaaggcag cgaacaccgg catttaggaa cacagacgtc atacactgtc      180
aatgatgcaa ttcaaccata tcctggccca atattacagt gacacacgca tcagcccatt      240
gagcccttgt tcccagcttt cacattaact cgccacagaa catctccacc gctgccgtat      300
cgaatgtctt atccaattct gcccgaagtt gcgtaccatc ctcgccatcg tcagagccgc      360
ccaccaccaa atcaaccaaa gatccgagaa ctcccggctc agagatagct gattttagcg      420
cacgggcatt ggccctaaga cttcatagat cttggcgcgt cgaatcggct aatctttgta      480
tgcgatcctt ggggagtttt gcagccttgg tggtttctt cgatgcaatg gatgttatga      540
gcgagagcgc cttgagcgac tccatgatca ggtacaagtc gtggaaggac ctccaggttg      600
gagcaaatgc ttcatgccgc cgcaagggaa ctgctgtttc tgatacaagc tgggagatct      660
ttgggccgtt catgtcaaga tcctttgatt tggacacagc cattcctcca ccttgggtaa      720
agcagcttgt cgaccttttt aagcgggaag                                      750


<210> 6492
<211> 665
<212> DNA
<213> Aspergillus oryzae

<400> 6492
atccctctca atcactttcc ccgcagacgg accctagttt gcagaatgca acggcacgta       60
gaagctcatc actaaccgcg agatcggtag cgtcgcgagg tgcgggtcct gctgaatcta      120
aaccggacgt acggcggag acggacgtg agatcatgtt tctattgagg cacttctccg      180
agtcgccagg gctctggatg gacttattcg accttgggac atatttgca tcgtacgtgc      240
cggccaaagc acggtccaat ccctgctgc gatacgctgc gtgtgcgtac gccgcgaagc      300
aattgggccg ggtcaaaggc gcgaggcccc ctaccggtga attcgcctca acacagtctc      360
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tgatgcgacg agggccggat gcgaagaacg tagactggat ctggcatggc gcaaagtatt      420
atgaaaaagc cattcagctg ctgatgaagg agttacagcc ggacaaaggc cccgcgccgc      480
tcatcacccc cgaggcattt ggccagtggc aggcggccga actgtcggag aataatgacc      540
ccaataaccc gcgaaagcgc cgaaaggcgt tcttcgaaag tcaattttcg aatggggtac      600
actcggatga agttcttgcg ggaacgggca tcttgtctgt atataaatcc gggatgcact      660
gggcg                                                                  665
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<210> 6493
<211> 648
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(648)
<223> n = A,T,C or G

<400> 6493
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cacgaccta tgcagcagcc tgtgtcgatg gacacgtgga aagtactgcc atccagccca       60
gccacggcca gcacaggaga ttctaatccg aatatatgga ccagcatgaa caacatgaat      120
gagttctcgt atgcttctcc gacaccgtct tacagccaac catacactac ttcgccttac      180
aatgcgacgc agtattatag caccgctgcc acgtccgccg cacttgccgc gctcccattg      240
ccaagcatgt tggtacagcc ctgcagcaca gcggcgaata tgatcggatt tgggtggggg      300
gaccgatacc aagactttgc gctgccgtac gggacaacca tgtaatacgc ccatggaacc      360
agacacttga cgttgatggt ctcccctgac ttcgcgtatt ttggtttaga tcccggagtc      420
cctgtcgaaa agctctacct agctcgtttg tacccttcga gcccgagaca cacccacaag      480
aacgaccggg agcaatatcc ccgctataca gacaacagac taattggcat cagtgacggc      540
gttaccattg acgattctgc ggacatgata ctccacttcg tttgcatgac catcanagaa      600
cataatatct tctctctttg ctantgtgac tactccttcg tgtttgtt                   648
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<210> 6494
<211> 717
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

<400> 6494
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cgaggctggc agtaacaccg cttgggactt gacggccgaa aggtggccgg tgctgttctt       60
tgctttggta cagctccacc actcacattt gtctggttgt cttctgattc cagtctatta      120
aattttacc ctaaaacttt ttttctgtcc cctctttatt ttaccttcat taatttgtgt       180
gtgtgtgtgc gtcagaggcc tgtcaggacc caagaggcga cttttgttga cccatcgttc      240
agctacggtc tatcaattag gcggtgctca atcccgcgcc actcgctgct cgccttaggt      300
tttttttttt gatttttttt ttagtcattt ctatatttgn acttttttctt tttcttcctt      360
gcttaatttt ttttttttcaa catcaagatc aacgtctatt ggatgatcta aacagcacgg      420
tcggagagca gtttttttcac tgatatttttt cgttttttttc ctcctcgaag ggtgactttg      480
aaaaggttgc atttcatcat ctgatccgct tcgaagacca gaaaaggggaa attnnngaan      540
anannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnananannna nananannnn      600
nannnnnnnn nnnnntttttc ttgggggcct ttaaccttgc atttaaaggc cccatttccc      660
cctataggaa agcgtttaaa aaattcctgg gcccgggttt acaacgtggg aactggt         717
```

<210> 6495
<211> 659
<212> DNA
<213> Aspergillus oryzae

<400> 6495
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ggaaaatttt tgttagtgga tcctctgcaa gaaaagccaa aagccaaatc ctcatctcgt   60
gtgcacttgt cgaggagttc ctctcaatta agaggtcgag agagcccatc gcccagtggc   120
gcataccttg gtggttatcc ttccgtcgtc acgactatca cgggtggtga agcaaacacg   180
aaggttccgg agatgtatgt gccaagcaag aatatccacc gaacagtgtt tgaagacccg   240
acccctcctg cgactagcgc aagcagccgt gctccgccac gcgtcaatct accggaacct   300
gatctcacca ataccctttgc tgatttaaaa ctcaccaacg aagaagactt tcgcctggct   360
tcgagccgtt tcagtgttac tacctacgaa cctacaaaac cagcagttca ccgcgacaag   420
aagttccgaa ggaatttaac cctgttccca tctaccaatt taatctttct tatgtcaaaa   480
aactcccttc ccaccccgta cttcgggaag aaaccttaag gaaccccct gtttaaaaaa   540
aaaaactttt tgctgccccc caaaaaatcc caaatatatt tttattttga aaccgggaaa   600
ctcccttccg ccccaaaaga ccttttttctt ttatttcgag ttggcccagt ttctcccccc   659

<210> 6496
<211> 748
<212> DNA
<213> Aspergillus oryzae

<400> 6496
cacaccacag ccatgcgtcc ttcattgcgg ttgttaaacc tggaggtatc gtccctccag   60
ggctctcgga ctctctacgt ctgctcagtt tgtagacaag aagcacgccc acgcccattg   120
gtcgcccggc aattcctgcg caatgcgtcc aacgcaaccc cgatcaccga acgagtgcgc   180
cgcaagattt ggggtacaga caacccgccc ggcctgaagg atccctacgg tggagaaggt   240
gttctggaac ggaaattcaa gaaagaccag cctgctaggc aggaggagga gccggagaat   300
ctcgcccaga cctcagaaca gactcaggtc gagaatgaag cggagctcgc ttccgctgag   360
gcgtatgagc ctgcaactac atgggaagga cttcagcgtg tgggtcactt gggcaggtgg   420
tccgacttgc ctccctctga ggccgacgct tatgaatcgt ttatgctcaa gaagaaagtc   480
accaagaagg gccaactgtc gttagccgcc caccaagcgg cagtcgaagt tagcctgatg   540
cacagtctga acaagccttt gtcgaaggtc tgcgatgtcg tcgagcacga taaatcagtt   600
ttcaagatgc tctggaagtg caagatccag cccggcgagt ggaaacaggc cgtggtctat   660
cctagcaagg aagccgagaa ggctctcgtt tatatcttcg aacagatcgg cggtcaaccc   720
gagtcttgcc gtgccgaaga gacaccgg   748

<210> 6497
<211> 378
<212> DNA
<213> Aspergillus oryzae

<400> 6497
ctcaagtaaa agataccgtt tctttagttg cgtcgcacca ggaacagctg gcagaactca   60
agtctgtttt gcaggagatg aacattacta aagatgacat cgaagccggt acgattggct   120
ctaccgcacc ggcgtctcca gcgaagcagc agcagcagac tccagcaata atcaaacaca   180
gtgcggaaac ccccgtgctt gcagaaccag cccccatcca agaagaatta gtcccaggtc   240
catctactag tttcccgcat ctgatccggc ctatatgccg aacagatatt catgcattcg   300
aagagttcaa ggaattattc accttgtcca gtgtctccaa accgcccagt cgtgccacga   360
gtggatcgta taccggct   378

<210> 6498
<211> 662
<212> DNA
<213> Aspergillus oryzae

<400> 6498
gggaagggtg gagagacgat tcagggaagg ggaaaacacg agagaggatg aggagccaac   60
agcgaaccac gggatgggaa ggagagagag agagaaagaa aaacgcgtga aaaagaggct   120
gacgggaagc agatgatttg cctggacgtt tcggagcttc ttttctggat gcgatgcgga   180
gaaggatttg ctcgcctcgt taccgttcca tacacaaccg gtcggccatt ttacctgcaa   240
tgtgcaggtg ctgcatacca taccttactg tactgctagt cttctccacc gactccagat   300
cgaccagcaa ggatgctgcc attattggac gattggccta tcgctccggg caaccaccct   360
gtggaccct gaccttcaac gatccccga ttggctcatt tctcaagccc cgtccgcgcg   420
tccggtcgtt ccaggaaccc tgtcaccacc gttcatggcc cccattcgcc agttggccac   480
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- 2304 -

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gagtgggcct gcagtttgac gaaagtccat gccaattggg tcaacggctg ctccacttgg      540
tctgggcaag tcaatgacga tttgggaaag cctggaagcc ttgcatgtgt ggcctgagga      600
agcaaggcgc atggtcgacg ctcaggcacc ccccccttc gcactcaagc gagtccggag      660
tt                                                                     662


<210> 6499
<211> 671
<212> DNA
<213> Aspergillus oryzae


<400> 6499
ggctcgcacg ctcgcagaag ccgccaaagc tgcaaagact accaaagatg aagtcccgga       60
agtcgcccca gttgctgtca ttaaattccg tgccctgtct gctgatctag ggccctctac      120
tatgaatctt atgctcctaa catcctctcg cgatgcctct gggaatccgg ctcccttgtc      180
cccggctcag cttcgatcgc accccgtcat gggtgcgcta gtgaagttcc gcaagctttg      240
ggagtctgtc aaggacctta ctgcccccga agtgtcggat gtcgaggagg atatggacag      300
cgaaggtgag gaatctgacg cacctgtctc caagaagcag agcgaaaata aggaggtgca      360
agttcccaag aaaaagaagg agaaggtctc caaagcacaa cgcgcggccg aagcagccca      420
ggcagaggca gaagctcgta gggcacagag actgcgggag acggaggcta atcttgcgga      480
tctctcgaat ctcgtcacca agtctggcaa gaagaaatcc actcaaaagg ctaaacaatc      540
cttctaggct gctgatgact ccgatttcgg tgatgaagat gctcttactg ctaacgaggc      600
cgaggagaaa gctaaccaga agcgctctct tcgtttctat acttcccaac tcgcacaaaa      660
gggcaaacag g                                                           671


<210> 6500
<211> 671
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G


<400> 6500
ctctcaacac caccgaaaga gttgtctgaa gaaggacaag ctcttattgg agacgttcgc       60
gacgtcattg agcaggcgaa gcgcctcatt cttagcaaga atgacggcca attgattcaa      120
gagttcatct gggaggccca gagcatcact ggtgaacatg ttggagagaa gccagatgtc      180
cctttgagta gggaatcggc tcagcaggat ggtagggagg ctctagaggg cttgaagacc      240
cttggaaacc tcctgattac caatggagag tttaggaagc tcctgaacga tgcctggatc      300
cttgtccgcg atattgctgg cgatgcgtcg cagaaagctg ccaaccaggt ccggccgtca      360
gaggaacaac tagcacaggt tgaccagcct gccgaggata acacctggca tgagaagcct      420
gactatgcaa agcataaaga gcagttcact tctcgtttca ggaagaacaa ggccactgcc      480
gagcagcaag cgaacgaagt caccgacacc gcagctcagg ctgcaactgg tgaccaaccg      540
gcaggactct gctggggaaa tngatggccg tactggcgct gccgcaagtg ctgaaaagac      600
caaggaaaag ctttccgaaa catccntgaa gagcagaagt ctcgtgctcg ggatctcgct      660
ggcngacaaa g                                                           671


<210> 6501
<211> 658
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G


<400> 6501
ccgccgccga gatccgccgc cagggtcagc ttgccatagc tggcgaccct aagaaccaat       60
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atgaagagct tgtcaaagga tttgtggata atattcgcat cctggcacga gcagtgcctc    120
cataaattca ttcgatgccc cttggaactg ttgttgatgc gaatttacat cgcacactac    180
gccatggaat ggcttttttgc tttcacgtaa tatagaaaga cgaaggccct gaagatccta    240
aagaagaaag ggatctatga gagctgcata tggaaaacaa aagtcaagtt tatatgttac    300
attctctgcc gggttgattt acttttttacc catatgtttt aataaccgtc cactacatat    360
atccttctca tggaaagaga tgatgaatga tgcgtcacgc cctttctggt ttctcttcgt    420
caaaattttt cttttccttt cttttttcact tctgcattct ttccttctcc ctacccccat    480
ctttttttggt cttcatccag ctgttcagaa ttganatgga tttctcatgg gtaggaacat    540
attctatttc tcccccatca cctaaccttc tcttgtgaca ttatttacga cttgtataat    600
ctacatgaat acagtgcctc gtattcaaca gaagggttat taatatattt ggtatgaa     658


<210> 6502
<211> 681
<212> DNA
<213> Aspergillus oryzae


<400> 6502
gccttgctga ggtggcaagt tctgcaatga cacgcagact tcccacaatc ctgaacgctc     60
tgatggacaa catcatatca actacagacg atgcgatccg cgacgagctg tgcaacgcat    120
tcgacactgt cttggtctca gtagatgaat ttcatgacct gaaaggtgac tgactgacat    180
gcctgcactc ccgacgctat atgacgatac gagtcgacat ctgacgttac agactcggcg    240
tcgtgacatg tggtagcgct tgagacatga cctgacacat cgcttgtcac acacacaaca    300
tcgacgcgta catatgacga cgacgacgca cacgtggtca gcccacgtga ctcgagacga    360
catcacgaga cgacacgaaa gcaagcgacg cgacgtgacg acacaacgtc acgcgtcgcg    420
atatcaactc tgcgacgtcc gtcaatatga gcgtcgatcg cgcacgaaat cacatgatcg    480
tgaaagcact acgacattca cacatcgatg ccacgataag acacggagac cgccatatcc    540
cataacgatg atcacatcga cgcactatcg tggaggcgac gatgacgtcg acgtctgact    600
acgatgacgc catctacgat caggacgacc ccgtcgtcga cagcttcgac tgacatcttc    660
gacgaccgac tgtgttgtac c                                             681


<210> 6503
<211> 641
<212> DNA
<213> Aspergillus oryzae


<400> 6503
ggacagaggt acctctcttg aaacagagtg gggtacgtgt catgggaatg ctacgaggag     60
ccgctcaagg ttccttccgc tgtttggacg gtgaccagga caaattcgaa cggtactacc    120
tgcctctcct agccatgatt cggcgtcatc aactggaagg gctggattta gacgtggagg    180
aggagatgtc gctttcaggt atcattagac ttattgatcg actcaaatcg gacctgcgag    240
atggcttcat cataacgctg gccccagtgg cagcggcgct tctagggatt ggtaatcttt    300
ccgggtttga ctaccgggag cttgagcgac aacgagcatc gaaaattagg tggtataata    360
cacagttcta caaccgcttg ggcccagcgg atgaatctcg gatgtattgc cgcgatcgtc    420
gcgcaaagat tgtcaccgaa acgcgtcgtt ttcgactgt tgacgaaccc cggccatgga    480
atccacgggc tcgtttcctt cggagaacat tgggccttta ttatgcccac tggtaggagc    540
agttccccac ttttgcggag atttgggccg gagtatttta aagccaaacc ctggagcggg    600
agaaaccctg gcaatggccg gcggagaatg tgctttcctt t                        641


<210> 6504
<211> 553
<212> DNA
<213> Aspergillus oryzae


<400> 6504
tttcttttgcc ctcctgtagt ggtttctcga tatgaaccca tttttttcccc atatcacgga     60
cctttttaaca aaataaccga agaattagga atatggaagg acccttacgc ccattcaccg    120
atccggccag taaggcctcg gacagggcat tcccgctgga tgataaagac atcacttgcg    180
tctccgatga gtctcttatc gacctcttaa agtcttctcc gatcctttac gatttcggcc    240
aaacgacggt ggtgcgattg tctaagaatc tcgtttttaaa aggcggcggc aatgtgctgc    300
cttgcgaggc aaagattctt caactaggcg catcaaagtc taatattcga gctcctcgtg    360
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tccatcggtc tctccacttc atggacgata cgaaatattt tggcaacatg ggatatattg    420
tgatggatta tatcgacggc gagccgcttg atggctgctg gagagaactc aatgatgaac    480
aaaaaatgga tgtcgcgaaa cagaccgccc aaatgatcat tgaaatgcag tccatcaagc    540
tgttggaacc aggttcgatc ggcggggggcc catgtcgtgg tcgcttttt acgcactaca    600
gcgccggggc ctttcaagac ggggccgaat tcagggctg ggttaaccac aag           653
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<210> 6505
<211> 256
<212> DNA
<213> Aspergillus oryzae

<400> 6505
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cccgcgacgc ccagattcgc tggctggagg agcagcttga aatgtcgctg aatagaaacc    60
accagtcctc ctatgactct tcatcacgct ggagacgtta caataggtat gacggtaggc    120
agtccgaggt atcggaatat acgcctgagc cgcgtcgccg tcggcgagca gttcatagag    180
aacgagtctg ggacaactag actggcagct gggttactgc cagaagggtt tactaaatct    240
agtcacggcc tgtgct                                                     256
```

<210> 6506
<211> 1044
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1044)
<223> n = A,T,C or G

<400> 6506
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gttcgtcgct gaccccgggg atctctcaca atgtttgcca ctaggaactt cgctctccct    60
gcccgccaat gcttgcggag cactcgtgtc tccccacgca ttgcttcgcc cttgtcgcag    120
ctccgtggtt atgccgctgc taccgacgag cgtgtcgcta agttcaaggg ccagaaggac    180
accgatggaa agtacactgt cactctgatt gaaggtgatg gcattggtcc tgagatctcg    240
cagtccgtta aggacatctt cgctgccgca aacgccccca tcaagtggga gccagtcgat    300
gttactccta tcttgaagga tggaaagacc gccattcccg atgaagccat tgagagcgtg    360
aagaggaact acgtcgccct caagggaccc cttgctactc ccgttggcaa gggacacgtt    420
tctctgaacc ttactctccg ccgcaccttc aacctttttcg ccaacgtgcg tccttgccgt    480
tccgttgctg gctacgagac cccctacgac aacgtcgata ccgtcctgat ccgtgagaac    540
accgagggtg aatactctgg cattgagcac gtcgttgtcg atggcgttgt gcagagcatt    600
aagctcatca caaaggaggc ctctgagaga gttctgcgct ttgccttcca atacgctcgt    660
tccatcaaca agaagaaggt ccgcgtcgtg cacaaggcta ccatcatgaa gatgtccgat    720
ggtctcttct tgaacctcgc ccgtgatatt gccaaggagt tccccgatat cgaattcgac    780
gcagagctgc tggacaactc ttgcctcaag atcgtcactg accccacgcc ttacaacgac    840
aagggtcttg tcatgcctac ctctacggng acattctttn cgacatgtgc gccggnctga    900
tcggnggtct nggtctcact ccctccggta catcggnaac gaggtgctca ttttcgaggc    960
tgtcacggnt ctgcctcgac attgccggca ggggctcgct accccactgc ttgctttgac   1020
agntcatgat gctgcgcaca tgac                                          1044
```

<210> 6507
<211> 674
<212> DNA
<213> Aspergillus oryzae

<400> 6507
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tgagaccgaa gagattggtg acctgaacca agcttgggat ctctactaca ccgtgttccg    60
gaagataagc agacagcttc cgcaattgtc tacacttgac ttgaaatatg tctctcctaa    120
acttaaagac tgtgtcgacc ttgatcttgc tgttccgggc acctaccaga gtggccgatc    180
gatcatccgt atcatgagct tcgatcctat acttcatgtc cttcaaacca agaaacgacc    240
acgcagaatg accctgaaag gtagcgatgg taattcatac atgtacgcac ttaagggaca    300
tgaagatatt agacaagatg agcgagtcat gcagctcttt ggcctcgtga atacgctcct    360
```

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tgacaatgac agtgagagct ttaaacgcca tctttcagtg caacgattcc cagccattcc      420
attgtctcag agctctggta tcctaggctg ggtctcgaac agtgacactc tacacgcatt      480
gatcaaagaa taccgtgaga gccgccgaat tctcctgaac attgaacacc gcatcatgtt      540
gcagatggcg ccagattatg acaaccttac tctcatgcag aaagtggaag tctttggata      600
tgctatggat aacaccacag gaaaagatct gtaccgggtc ttgtggctca agagtaaaag      660
ctcagaagcg tggt                                                         674


<210> 6508
<211> 709
<212> DNA
<213> Aspergillus oryzae


<400> 6508
tgatactagc ctgtcctact actgcacgac gccgcttgta ccgatccgac actacacatc       60
accttgttac tggattggga cgatcgctat tgcctcctct gatcaaatat ggctcccctt      120
tcggaccagg ccataaacag ggatgagaag ctccatgagt cgggggcttc ctcctcatct      180
caggtcgatg gacgattaga aaagaggct gagcctcccc tgcacaaacc ccagctgggt       240
ttagcaaatg accctgcggc tgctggaact accttccatc agctggaaaa caccgccttg      300
gacgggggga agatcgagtt gacagaagaa gaatgctacg atcagctggg ctactctttc      360
ccaagttgga gaaaatggat gattatctca ggtatcttcc ttgtccatgt ttctatgaat      420
gtcaacacca cattgtattc taatgctctg gcgggtattt caagagaatt tagggttagc      480
atgcaaccgt gatctggagg accaatgatc ctccttagac tctaagcgta aggttgcgat      540
ctatagtctc actggaacga gtaactgcat ctctaaccga gcttgtaggc aagctgaggt      600
ctgcgtcatg cctggtatag gctctttcgc tgtcttcgga gacctgcctc tatatgctgt      660
gggacggacg ctacgatgcc atacctgcgt gcgctgagcg attacttat                  709


<210> 6509
<211> 659
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G


<400> 6509
ctgagatctg ggccgcactg tctgcggcga tatcactcat gcatacgggt gatctcacca       60
cagctcagag catcattgac gctgctggag tcacggtgcc tacgggtgac ctgtgtcagg      120
gcgcctacga tgagcaaggg gtcctttata ggttaccaca atgcatcgtg agcgatccag      180
agaacttggt gaagtcgaac ctcggagagg atgatttcga caccgacgac ggcaagttat      240
cattggacga ggaatcggga gacgaactta tcgcagacga tgccgaacgt cgcagagatg      300
agaagggcaa ggtcagcgag cgagacttaa tccgcgtgaa agcacgactc agcgataggg      360
gcgggcctga catggtcgtg actgtcggca aaacacagaa tgttgcttat atcgcccgca      420
aattgcaaca ggaggccgaa attcccaaaa cacagcgagt aaaaatcgcc tacctangca      480
aaatactcaa agaacatgta cccctagtcg nacaaggatg gaaacaaggc aatgtgatca      540
acgcattggt tgtcgcacga ccatctccca tcatgctaac cccattccat cgatttctan      600
aatcccatgg agatctttct agtcganatt acaaagcggg gattgacagc aatctgcga      659


<210> 6510
<211> 660
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G


<400> 6510
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tgaaaacttt ccattattgt tcgtgtataa atccggtctc ctaattctgt cttttttgt      60
cgagtgcgcc aaagcaaatt ccacagcctt gtcgtgcgat gagccgagga cgctcccca     120
gtataacccc caatcaggtt attgagggca aatatatgaa tccgaagaag ctcgttaaat     180
tgttaagaaa tgaatatggg caagctaatt ttcgggccga ggtgtgttga atttctcact     240
gatcccgacc gtgcccgagg aaaaaaatct aatggctccc aggttacacc accagatata     300
atgcctcgtc cgcccgaaca atcacggtat ttccagagac attacgcttc ctcaaactgc     360
atggacacag atcctacggg ttatgcccct attacgacag gacctaccac acggcgacaa     420
atctctacgc atcaaaaaaa gacccttggg atttctccac accatatggg gaggcgccac     480
aacaacatac cagggtttac gcgtgaaaag accagactct acgtcgccaa taaaggacac     540
ctaggcccca cgaggccaat atgcgcccaa aactaaacca catcgtcctc ccctgaccat     600
nattgggtca caactatccc accttggccg tgtcagcacc accgtgtgct gctcccatcg     660
```

<210> 6511
<211> 579
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 6511
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cgaggtcaac atctcgccat agcattatcc ttacgattcc tatcgaagac cgcgttgcaa      60
cagtggttat atctataccc cgtgaagacg ctatccgatt cggctacgag tccactttgc     120
ctgtgatctt caattcgaac cccctctctg cgtgatgagc ttcacttcaa ccagcatcgc     180
ctcaaactga cagtcaactg gtatgagccc catgtataaa ccactcttcc gcattatctc     240
ccattcaacc gcgttttgtg gacttcgaac cctgatacaa ttgaagaatc tggacgacgg     300
aggtgggcgg aatattacca actgtttttt gggagatgcc tcgaaaagtc tgatagtata     360
ggctgttcag gtatcttcga tatctatctt tgacgcttca aaatcacttc caaactgaac     420
tgcgattagc taattcaggt aacggaaacg ggaagtattg ataacgaacg ttattcatag     480
cctncgttac taacttgtta ttgtcatccg cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     540
nnnnnnnnnn nnnnnnnnnn nnnnnnnttc ctgcggccg                           579
```

<210> 6512
<211> 640
<212> DNA
<213> Aspergillus oryzae

<400> 6512
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tcaaattgca gctttctcga aggcaagcga tttcgtgtcg aagcaaaggg tatccgtgca      60
ctccgcccac ccatgcccat gagacagaat gaaatcccca tctacaccgc cgacggctcc     120
ctagcatata cagctaccaa agcaaaggcc atgtcgagtc acaccatcct cgcttccccc     180
aaacacggag acctcttctc cattgatttt aaaccaggtt gctgtccctg atccgcttt     240
ttgaatccca tcgaagggga cgtcatcccg gagattgcct ggaggggaa attgaccacc     300
cgggccatgt catttacacc tccggagggg gggtgtaaat gggaatggaa gtactcgata     360
attgactctc cgagtggggg taagcttaag gctttgtgtt tggagaagat agatgggtca     420
gaatgtggaa aagctacacg gatcgcctat cttctccgaa gtccagatac gcgtgcgaca     480
ggttcgtctt gttgttccgc tgggaatggg ggtcaacttg taattaattc cggatgttga     540
cctaagcatt gtggaggaag ctctggtaat tgcaacttgt ttggtcatgt tgcgcaagga     600
aagagaatcg tcccaggttt attcaaggct atggtaatgg                           640
```

<210> 6513
<211> 650
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(650)
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<223> n = A,T,C or G

<400> 6513
gttcaccgat ttctacgtgc cgttcgtcag atctattcaa cctcattgtc cttggggtcg   60
ctgttcaact ccgctccaga cttctcgcta gaccgcctcc cccacttgtt gctgtgactc   120
gctcgtccga cgccggcccc tatcgttcga cctgaaattg ctgcggtcgt gatttccaga   180
caccttgatt cggggcggtt ccgcttcagg accccatgtt gaagagaagg agagaacgaa   240
cccggtcccc gactcctctc tctcctgcca ctgctctgtc tccagcgtcg ctgaccctca   300
ctttctccga aactcccct caagcaaata actcacggtc tcatctgcca cggtaaatgg   360
cagatggtac ctacaggttc cagcagcctg gggccgggca gttcttcttt caaacgcaac   420
aacaacaacc ttctcatcaa cgacaccttg tccggaacgg gacgaattct ccgactggaa   480
gactgaaatt tagtcacgac acaccatcac cttcacgatc tcctcccctt ggccaagcag   540
ctgcgctcaa tccattcact atgtacagtc agacacacca agggcagcat gtcctgatga   600
atggcgggca ggctcaccaa cgcttcngca tgcagatgcc cgagtttcan   650

<210> 6514
<211> 656
<212> DNA
<213> Aspergillus oryzae

<400> 6514
gatttctgtt ttccggagcg tgctggacaa gggtagtggc aagaagtagc agaggaggcg   60
gtctattatt atgtaggttt gttggttttg ccaacagtgt ctggtggcag tatggcagaa   120
catatcgtcg attgccctac tcgttgaact tcacaactag acaccaggaa caccttggat   180
gttagtcgat ctgttagctt cgcccatgac cccttgcatg agcgcgtctt cgttggttag   240
acggtatcaa gaccgtcgtt gttcttgctg ctttcgtcac cgaatattgg cgctgggtcc   300
ccatttcatt gcaaagactg ttttagaatt gcaaacatct tctccatgct caaaaagtcc   360
cctttacact ctcccctctc tcacccactg accatccaca ttgcgtaacc gtacctgcag   420
tactgttggt tgacaacatg tcggccactg gaacgtacag gggaactact actggccaca   480
agactgtggg cagaggtagg ctggccgact tcaatggttc ggcttccac attccccgtt   540
ctcggtctga aaccgctttt ttaacttcca acccttacac ttcctctaac gacattggaa   600
gttcaaccat gaatgctgca agctgacaaa aacataatca ttcgatacga gatgag   656

<210> 6515
<211> 341
<212> DNA
<213> Aspergillus oryzae

<400> 6515
tcggacgagg cctcatattc tgcacctgat ttatgatgga gtcaatatgt ccgtcctcgg   60
aggaactgac actgtatctg gcagcataag gcgatgaggc ggtggcagct accgaagcgg   120
gtgaggtgag cacggttttc ggggaaatag cttccggggc tagggctgat gcctgcttct   180
tcttcttctt cttcttcttc ttcctagaat agaacgcagc actcacttcc cggagagcgc   240
ggagagagga tgccaaatgc ctggccgaat ctgtccgggt gttgtggttt acatttccat   300
ctccagtcac atgctcggcg atgacggcct ctaatttctc a   341

<210> 6516
<211> 680
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(680)
<223> n = A,T,C or G

<400> 6516
ctgcgacgtc gtggcgaact tcggggagaa tatcccgtct aaggtggacc gcggattcca   60
actaaccttt tcattcaaca acccggagcc tagtgtttac atgcaactct tcaagatctg   120
ggagaagggc ttaagcaaga tcgcgaaagt ggaaggcata ttcgtcgagt tcttggttca   180

- 2310 -

```
gcctcatccc gttacgaacg gcaccaacat gttcggcctg acgcccggaa agacggacga      240
cgtgatggtc gatatgactg ctgcctacac taacacggca gacgatgcgc tagttaaggc      300
tgttatcacg gacattgtga accaacaacg cgctcttttg aaggcgcacg gacatctgat      360
cgactttatc tacctcaatt acgcggacat ctcacagaag gtgctccaga gctggggcgc      420
ggataatgtg gcgaagctca gagctgtcag caagagatat gatcccaagg gcgtgttcca      480
gatacagggt tcctgtgggt accaaaattc ccatgtaggc ctgttgtatt cgttgattag      540
aactacggtc tttgccatta ggagggttgt caccacgtgt aaagcanaag ttggcattcc      600
tctcggngac catacgtcga taccatctgc atatctgctg catatattac gtnatataga      660
tctattaata gcagaaaatg                                                   680


<210> 6517
<211> 668
<212> DNA
<213> Aspergillus oryzae


<400> 6517
cgcccagatc ccacgtccgt cccgcgcgac gagatcacaa cattccatac ctcattcgac       60
aggcgctat cgcattgctc ctcagcaaac atccaggttt gattgcgagt ccttagtacc      120
gatatacact gcaatactaa atttgtgact cggcgcggcc gctagacctg caaagaatgg      180
cttctcgagt acgttgtctc atcgtcaaat cgagtgaatg tttgggcaaa atacctggtt      240
gcgctgtctg gttcgttcag cgaagacagg cagcaaccgc cagccaagcc acagcaaacc      300
cggcccattt ctacgaagag gaaaaggttg cacatactat acctgctgaa tgacctgttt      360
catcatacca agtatcattt ggattcgact gccgcctttt ccaccttgac cggttcatta      420
cagccgtaca ttgtggaatt actgggctac gctgcttcct acgaccgaga gaagcacccc      480
aagcaccata gacgactaga tacactgttg gatatatggg agcaacatgg ctactacggc      540
agcgactatg tcaacaagtt gccggaggtg gtcaagaact cggcgttgtc gggtcctgtc      600
aagacctcta ttgacgtcca agagagtaac acggactctg cccactggct tccgagcaag      660
gatgtact                                                               668


<210> 6518
<211> 734
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(734)
<223> n = A,T,C or G


<400> 6518
ccgtcatcct ccnacaaact ccccagccct gagaagccgg gcggaacatc gtcactcaat       60
ctaccctggt ctagaagcac ttccgctacc agctggtgtt gccccgattg acccacctgc      120
caggcccatc agcaggttca atcccaacat gagttttgat gacattttga agcaggttcc      180
aaaccagaaa gggaagaaat aaggactatg aactggcgtg tacagtgtct ggttgaagcc      240
ctttccataa ctgggatacg ggctcatctc tttccctcct tctgtttct ctccctcccc      300
ttttctcctt ttttctctta cctcaaaacc tctctctctc tctccctctc ttttccttct      360
gacatcaggg ccacggatct tttctcctat cttgcatttt taactgcacg ccttttcagc      420
tctcatgtct tttcctcgtc gccattggct cttcttaata cttcatcctc ttcctcctct      480
tgttcgtatt taacgtcggt tattaaccat tatgggcgca cataaatcta tttggaccaa      540
aaggctggaa tggcgtaatt acaaatctat ttgaatccca gacctgaant nganngagga      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnntt      660
tcttgcggcc ggtcgagcat tcttttaaag gccccatttt gtaattagtt attgcccgct      720
tactttcacc cccg                                                        734


<210> 6519
<211> 689
<212> DNA
<213> Aspergillus oryzae


<400> 6519
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tggatctttc gtttagcctt gtgcatgccc ccgaccagcg gcaccttggc caggaacagt        60
tcacagggtc cgcagaactc ggattggatt cctgcctcta tcatcagcca tgacttcacc       120
tctgcggaaa gacttgacca tgatgcacgc tctctccttg atagacacaa cgtgcacgat       180
gctgttatcc tgactgctct agggggatgc ttacagagct ccattcctga ttggccgaag       240
aagcgccctt cccacgacca gtttgagaaa tgcgtgcagc cggccattag cggtgtagta       300
aaatatgacc agcctatatc tatctcgcct agcattctgg tagcagacgg aaacacaggc       360
agcggcattt gctcggtccc tggaaggttg ctgcctaacc ttcttacggg gagagatatg       420
aaagacctgg ccggttctat ctgcgacacg atggtcaccg tgggacaggg gattgtcacc       480
aaggatgcag gcgcaagttc ctctgccctc acagatcggg gaggtcatac gaaaggtttt       540
tcaattaccc acaaacattg caatctgcag attataggta cggtggccaa tgtaggcggt       600
atcaacgaca aagccgagct ggttgatctc tgcgtgcacg cgattaagtc cccggcagag       660
acgtgtttag ccgttttgaa gcatgggaa                                         689


<210> 6520
<211> 1717
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1717)
<223> n = A,T,C or G

<400> 6520
gtatgcctcg atctattcgc acacgggcgg tggattcgct ctggcccggc cggttgggcc        60
gttttctcca tgtgccttcc cctctcgtct agacccaagg cacaatgacg acgctcccta       120
gcttgttttg ccgagaatta caccggtgtt tccatacatt ccaccctgg gcattctccc        180
cataaatttt ggcgttctcc cagcgttttc tcacccaatc tttctctggg ttctaccatc       240
gcaaaacgtg cattatttct atgccacaaa acgctctatt tcgttcctga tatccttgaa       300
aaaacacaat tcacaccaca tatacggcct cggaaaatga attcacagag atgtgccgcg       360
gtcgtcgtgg gagccggccc cgccggtctc gccgttattg gaaatctatt ggagaagcaa       420
ctaggggggga agatcgcctg gattgatcca tactttcagg ctggtcgggt gaatcgcaag       480
taccgcgaag tgcctagtaa caccaaagtc gccctgttcc aagcgtatgc cacagcagtc       540
cagcccttcc gctccgtaat caacagcacc cgtatcccta gtccattctc aacgatggcc       600
aaactcgatc aagagaagac ctgccacctg catcatgcgg cagacatggt tcgtgccttg       660
acagagggca tcactaagat ggaccaggtt tatgcgtgtc gggggtatgt cacggctgcc       720
aacctggtag agaaaacttc gtcttggacc gttcggatcc aacgtgcgga ccacctcgac       780
gaagttgagg tcattacccc tagactcatc ttgtgtacgg gatcgtcgcc gacagaggtg       840
ccgatcccgg tgtgtggaca gcacatcgag aggctggatc tagatgtagt actcaaacct       900
agtgacctcg tctcgtatct tccccgcaat gagccccaga ctgtgggggt tgttggagct       960
tcccatagtg ccattctggc gctcctcaac ctggtagatc tggcccgcag tacccaccct      1020
cagctccgca ttaagtggtt tactcggcat ccgctgaggt atgccgagta catggatggc      1080
tggattctgc gggacaacac cggcctgaag ggttccgccg ccgactttgc acgacaacag      1140
ctggaggagg acaaactccc tcagtccgaa gccggccggt tcatcaccaa ggtggactgc      1200
ggaggcggcc aggaagcagc gcagtatgag cggcatctgc cgtcgtgcac ccacctggtg      1260
caagctgtag gatttactcg ggatcccctt cccgagctgt cagtgaatgg ccgtcttctc      1320
gatcctgaat ttgactcggt gtcaggtggc ttccatgatg cgacaggccg tgtcgtcccg      1380
ggtttgcatg gagcaggaat cgcattcccg gaacgagtgg tcgatcccta cggcaatgtt      1440
gaacatgccg ttgggttctg gaagttcatg aagtttatca agagagtcag tccccagtgg      1500
acagcatgat ggtggttttc tttaaatagt gattcccctt tgctttgcgt tgatttcttg      1560
gtattattag cgtcatcaac tgtggataga attccattc taatatgcaa agtatgtttta      1620
tactggaana aaannnnnnn annnnnnnnn nnnnnnnnnn nnnnnnnann nnnnnnnnnn      1680
nnnnnnnann nnaaaanttt tcctgcggcc ccctccc                             1717


<210> 6521
<211> 685
<212> DNA
<213> Aspergillus oryzae

<220>
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<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

<400> 6521
ttttcccgtc cttctttaat tttaaatagt gaaggtagaa ctctcttctt tgttctccat   60
aatttacgat tataacccac tagattattc ctcggcgcct cttatctctc tctctccctc   120
tcccctcag cacactttct ttcccgttat cctttcgcca tttacacccc tcccctttt   180
cgctggctcc ccgcatcctt tgtttgcttc aagcttgcgt gtggggtttg agaacgggcg   240
atacttgctc aggaaaaagc aacagtttga atcacattac cactcttagg ccctgatacg   300
gtcttctctc acatatcgtc atggcgagtg atcagagcaa gaagccagcc gtgctgatcg   360
ttggaggact cggattcatc ggtcgtcatc tggcacttta catacatgaa aataacctgg   420
cctcggaagt gagactcgtc gacaaagtcc ttcctcaact ggcttggtta gcccctgagt   480
tccaggaggc ttgctccaaa gataagttcg ttcaagcgga cgctagccgg aacagcacn   540
ttccgcgtgt cttcgatcgg gccaacggcg aacaatttga ctacgtattt cactgcggag   600
gcgagacaag acactcacaa cccgacgatg tatatgagct tcgtattacc acctcaccgg   660
ggccttagct cgtgagytgg cccgt   685

<210> 6522
<211> 658
<212> DNA
<213> Aspergillus oryzae

<400> 6522
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tctagccgtc tcgtgacacg gttcgagcgc gccaacccga aggaatatct ttgttccgtg   120
tcccgtgtca gctggcgttg ccctaagttc tcccaacccc aaacgcgtca aaacggctcg   180
attggctcga ctcgccaatg tttcacacac catccttgtc tctttgacat cggaggtttg   240
cctagagttt gagtggcaat attacctaaa aagaaagctg ctattcagct cgtgtcacga   300
ctcacaaagg aaaccaagac acatggaagt agtcccgttt cgtccgtata cactaactgt   360
catcctggct gccactgatt aggattgtac cactgaacct agtctaggat tcgaaaaata   420
acacctgata tcttctacac gaatcagaac acagccataa accaaaatga gcgaatctct   480
catcccaata ttctgtctcc acgacatctc actccaagta catacataac ccaccatacc   540
tctgtgaaac acacacagta acgccaacta aattacccaa gatcctcaac tcaatcctca   600
caaaagccta cgcacacgcc attagaaata caatcacccc caaacgctcc tcttgttt   658

<210> 6523
<211> 675
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1 ...(675)
<223> n = A,T,C or G

<400> 6523
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ctgcaattcg gcatgggcct cttcttcacc ggaatggcaa accatcaaa ggttttgcgt   180
ttcttcgctt ttccaaccga cttattccgt ttcgatcctt cgctcgcgct tgtaattctc   240
tttggaatcg gaccgtcgct cattaccttt ttgacagcga aacgggaca gaagaccgac   300
aaactggatg gcaagccgga actgcccaca ttggcagaca gttggaggct cccaacagcc   360
actatggcgg acattgactg gaggtttgtc gccggtgcag cggcctttgg ggttgcctgg   420
gggttaccgg gagtgtgtcc gggtcccgcn gtgcttcgtg cagctctgca gccggcatgg   480
ggcctagtcg aaatgacagg gtacatgcta ggcaacctgg tataaatggc atgaaactgt   540
tcccgtatct tgaaaatttc tacggatgtc aatgagaaac gtgtcccgtt gatctatcaa   599
agaccgggag aaaggatccg ctaaaaggca accgccattg agagccatgc gacacgaacg   660
ttcacacggg tcacc   675

- 2313 -

<210> 6524
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 6524
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ctgcgcttcc cgtcgagcct tccgcggagt ctgcgcctca gccctgcatt cccgccgagt   180
tggcgaaggt tctcacctct gtgccgaaag actcaccctt gtattgtaag ggtgattctc   240
agcctgaaaa gcgcgacggc gagccttcca ttgaggagtg cggggatgcg ctgaaggctt   300
acgatgccgg ggaagaagat gaagcatttg tcggggacct actggatgct tgtgaggcag   360
catacggacc gactgggaat aaaaagcgcc gggcgaaaga accatccatc ctgagcggaa   420
ccgttggcag tgttatcggc gatgttagcc gcgttgccgg gcgttgattc tggttcgcat   480
agtcgaaaac gtcacatctc tgttttgtgg aatctgcctc gcgcttcgta tcaggattga   540
acggttaatg gngtcttgtg ttggtggtgg ttatggntcg tgtattattt ggttgctttc   600
tgagagaatt accctgtatc tcctgaaatc ttgtacagaa actcatacat atgctctata   660
caatgtctaa cgcagataat ggacata   687

<210> 6525
<211> 1041
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1041)
<223> n = A,T,C or G

<400> 6525
cgcagactac taagtacagt gtgatatcag acttacactc cgcatacgtc cttattaggc   60
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cattacactg tcatcatgcc tgtcgtctca cgtctcgtgt cgattgttct ccgcgtggta   180
gaaatcatct gcggtgcgat cgtcgccggt atcatcggtt actaccttgg ttcgttggac   240
gaccttgagg cttggcctca agcacgatgg atctataccg aagtaattgc cggtttatcc   300
attctactgg gcctgatatg gctgatacct ttctcatccg gcttcttttc gtggcccttt   360
gatgtcatta tctctctcgc ttggtttgct gccttcggta tcctcgttga cgctatccac   420
aaatttaact gcggaagtat ctgggcatgg ggcggtatcg ttcataacga cgtgtgtggt   480
cggtggaaag ccgcagaggc attcagcttc atctctgcct gcgtctggct tgtttcggcg   540
cttgtgggta tctggttcac cttccgggtc cgtggtacta ccagtgacgc agttagcaat   600
cgccgtggct tctttaggcg gtccgctgtt taaatttgaa acgctatgct ttacgatctt   660
gtctggtttt ctcggctgcc gactagcccc gggtatggcc ggctatcagc gagaatcaga   720
ccggtgattc aaagagagac atctatcaac ccacacgaca ctctntatac cccaatcctg   780
acacgatatt ctgcgtcgtg attcagtatt ggtgcaatac agcgccgcca cttgttatag   840
tcgcgtcaag ttctgctgga tgttcatggc tcgccatcag cgggatgcat gaccattgac   900
acgggaaacg acctaatgac tctntnttat tacaattaat actaatacag ataccccgtc   960
ggcgtgttga tgagctcatg tggcatgttg gtggcanact atatcgctca ttacgtttag   1020
acctgatct ttaatcttta g   1041

<210> 6526
<211> 675
<212> DNA
<213> Aspergillus oryzae

<400> 6526

- 2314 -

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ggcctaacgg accaatatta aatatcgaaa ccaccaatag gctttacaca atcctgccca        180
cattttttgc aagattaaat cattaatctt actaccgtc ccgtcctacg ctttaagcct         240
taacaagccc caaatatacc cactagtttt tgaatattaa catgacaggc acccacccc          300
ggaaactgaa accctaacca tgccccaaaa ataccatatc tgggtaaacc tatatatgcg        360
cccgaagaca cggaaaaaag gacacccaat gaattttacc ccactttgag aaactctttg        420
gctttttttt tacccaggca caaaaattgg cctcgggtgc gggccccctt aaaaggccgt        480
tttctccccc ttgaaaaaat gaaccaataa atgctgctaa aacttgttaa atcgtgcctg        540
ggcccgtaac aaagaaatac ctatctcttt gtgaacatat tctccataag aattaaaaag        600
attctcttta tgggattatc ttggggaggt atctctctta aaaacaatac atataaggta        660
gtccgaaata acccc                                                         675


<210> 6527
<211> 621
<212> DNA
<213> Aspergillus oryzae


<400> 6527
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ggctgcgttc catccttcgt cttctccgtc aagccaaacg aatgcaggtc cctcacacga        120
cacctgtggt tattgcggtg aagaattttc taatttccct cagcctgact gggaccgcag        180
gttcgagcat ttgacgacag tgcataaatt tggggagtgc aacaatgcga agaaattcta        240
ccgcgcggac cattttagac aacacttgaa gcacagtcat gctggaacca gtggaaagtg        300
gaccaacatc ctggagaacg cctgtatgaa agaggaagcg cctcctgaac ccagaaacgc        360
cactagcaac ggcggacccg ccctgcaat gggaacgact gcgacactta cgtcaaataa         420
cattaacgag gtcctcagcg gctgctgaca accattgcgc tggtgtacac tactggatca        480
gggtttctgt ggagttacaa tgctctgacg cgctgtagac gactacaagt ttgtgttttt        540
cctgggcacg tgctgcattt atttctctgc ctttatattc cttttctaag gttaaaatac        600
ccactttccg tcgtcaggat c                                                   621


<210> 6528
<211> 657
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G


<400> 6528
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ttgttgagag agtataccac aagagagttg attgatgctc tctcctacga gttttttccct        120
ctccagggcc agtcgctgcc cggggctcc caacagcccc cgggctggac ccctaccgca         180
gggaacaagc ggctgcctgg ggtagcccgc atttcgtgcc tcgaggtagc gatccgcgcc        240
caggcgaagc ggttcctgtc ccacccgctt gtcgtacaac agctggaggc aatttgggcg        300
ggcacaatcg ttttccattc ggctgcagac tatctccacc gctcaccgac acgagtcagt        360
cacagcgcag ggccgacgta tggtactacc gtcaccgcta ccacacccaa cccgtttgcc        420
ggcaagttaa gcccagatc ggctgagctg cgccgctcag tcacctata tgacccgaga         480
gatgcctccc tgttcaaact ctctaggttg agggttcctc gctataggca gtttctctcg        540
acgctgtcgt ttgcggtatt actggcattg ttcctgcag ttctagacca gcggcgtgtg         600
catattagcg cccttgaggt tgtcttctgg ttctggagcg caggcttcat gcctgan          657


<210> 6529
<211> 702
<212> DNA
<213> Aspergillus oryzae


<400> 6529
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ctggttggaa aacacggact atgagtctgc tgcaaatgat cctcatcttt ccaagctggc     120
cgagaagggt ctccttctca ctaactactg ggcaatcaca catccttcgg agcccaacta     180
ctgcgcttct gctggaggtg ataccttcgg tatggataat gataacttca accaagttcc     240
tgccaatgtg tccaccattg ccgatatgtt cgacgtgaaa aacatcgcct ggggcgagta     300
ccaggagcac ttgccttatc ccggttacca gggcaaaaac tactctaacc aagaaacggg     360
cgccaatgac tacgtccgga aacataatcc catggtcttc tacgactctg ttaccaagga     420
tgctacccgt ctgcgccaga ttaagaattt caccactttc tatgatgatt tgaagcacga     480
gcgtttacct caatacagct ttatcacccc gaacatgacc aacgacgccc atgacaccaa     540
cattaccttt gctggctctt ggacctggcg tttcctctcc gagcttctgg aggatgagta     600
cttcaccaag gacaccctca ttctcttgac cttcgacgag aatgatacct atgagattgg     660
agacaagatc tacagctttc ttcttggagg tgctgttcca ga                        702
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<210> 6530
<211> 649
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 6530
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aacggctggg gtgcgtccgc cgtggatgca ctatcgacgg ccgtcattat gggtaatgaa     120
accatcgtca accagatctt ggatcatatt gccacaattg actactcgaa aaccgatgat     180
caagtgagcc tgtttgagac gacgatccgg tacctgggtg gcatgctgtc tggctatgac     240
ctgttgaagg gtccggcctc gaacctcgtc aaggaccaag cgaaggttaa gacccttttg     300
gatcagtcgc aaaacctggc ggacgtcctc aagtttgctt tcgatactcc cagtggaatc     360
ccctacaaca acatcaacat tacttcacac ggaaatgacg gtgcaacaac caacggattg     420
gccgtgacgg gtacattggt gctcgaatgg acccggctct cagacctgac tggtgatacg     480
gagtatgctc agctcagcca gaaagcagag gattatctgc taaacccctc accaaagagt     540
gcagagccat ttgaaggatt ggtcggaagc catatcaaca tctcaaacgg agcgttcgcc     600
gacggacagg tgagctggaa tggaggcgac gactcngtct atgaatacc               649
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<210> 6531
<211> 655
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 6531
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tcctcttcga tgtcgtcgac tacatcgggc cctgtcttgc ctcggctggc cattcaggct     180
acccttagat gtactaacaa ttcgatgaag gagagccgga aggctgcggc cattgcttcc     240
cccatcgatg agagttctta caacgacatt tatcaatccc cgaaagctt  tactgggtct     300
actggacatg tttcggagct gtctaaattt tcactgggaa ttccttgtga tatgacatcc     360
gctcatgagg ctggccagaa gctttgtggc gttgctgggt ccgctcctcg tgctccccag     420
acgaaataac agagcggaaa tcatcgccag tgatcgaaca cagacatccc gatctgacga     480
ttagagggca aaacacgntc gcatctgatg caggccatcc attactgagg cactgtgttc     540
ccgatgaaac atgaaaggtc tgttatgacg ctggactcag ccacgtcata ttacgctgcc     600
cactgccgca gtattacacg ttcacttttg accggagctg acgatcctgc tggtt         655
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<210> 6532

- 2316
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<211> 1097
<212> DNA
<213> Aspergillus oryzae

<400> 6532
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ctaaaatacc acgtggttac ttcctcaatt caacctgacc ctcacttccc gtcccccgga   120
cttttttttt ttttcttttg ttgaaaagga gtgtccgtac tttcaggggc aaatttgatc   180
aagaaagcgc ccgtaacctc cagcttctct gaagtggcac cttttccccc ccttcaatcc   240
cttcgtcgca gacaacgaat attgcattgc gatcatgaca ttctttctct ggatcccagc   300
ctctttcgcc cgttggattc ggttgaaaat atatcaatat gaggtgactt ttgctgtata   360
tatgctcacc ccaaccgaaa agttcatctt taattccctc cttcttactc tgatttcaat   420
gatcatcacc gcgatttatg tctacctccc cgaccacatc agatccatct acggccacct   480
ctactattac tgggctggcg aacgtccctt catatcctcc gccttgcccg cgatcagctc   540
ggtattccgc gaggccggca ctcagacact agaggtcatg tacgagacag caaaaaataa   600
tgctgctgct gccaccgata caatccgcga actataagtt tcttggctac tggcaatggc   660
gggcaaccct ttccttcttc ccttctcctg actcggccgc ggcggatctt ggctatctgg   720
tttctgtgtt actcaggcgt gataccgtag gggccatcgc ttgcgtggtg cgcttatcaa   780
gatacctttg aataatggat acctttccac ctcttacgca tctctggtcc ttgagcatgg   840
attgaggtgt cagcttagct acactgactg cgatgcttgg acgcatctgt ccatgttgg   900
cgttgcgatg ttgctcatac ggagttagag cgatatgttg ctgagcaagc cggcgcatac   960
tatgagttct tgtgaccttt cttcgctctt gctagcgtct ggccttcagg gttctgaaca  1020
ctcatagcat ctaagtctcg atacttactg cgaccatgaa ataccttaa cagcgaagaa  1080
tagaaccgaa aaattct                                                 1097

<210> 6533
<211> 666
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 6533
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cccttagatg accctgtgga cgaagagcgc ataccgccaa atgtcggtac attggtcagc   120
gctatgcaac acgacgagag tatatcattg gagcagcgat tgaccacctt ggaggtgaag   180
ttgattgacc tcgaatttgc tattgcccgc atgcagaccg aacgcagtga accttctccc   240
acggcgtcgg caggaaggaa acaatcacag aattcgaccg agcacaagcg caaaaagtct   300
acggctcagt ctccaccatc cggcagtgaa gctacgttca gcgtcggatc ggcaggagat   360
cgaaccttga gcaccgttac tattcgcccc aacgcacaac aacctgattg tttaaaaacc   420
ttacaaaggc ccttcttaag ctcactcagn gacccatacc cccgaatttt cggaaaacaa   480
tacaggcttt ggtcatgctt ttacaaaaaa aacaaacgcc ccgccgagac tctaaaaaga   540
aggttttggg ccaaccttcg gttttcacaa ggtggaccag ttacccagga attttttggg   600
ttttaaaacc aaggacccca tttggaaggg gtgattttag gatttatttc cccgggatat   660
aaaaag                                                             666

<210> 6534
<211> 1187
<212> DNA
<213> Aspergillus oryzae

<400> 6534
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tgatgacgga ccctacgcgg aacgactcc tggaagaaga tgacgtcat gcgctacttc   120
ccaaattgcc ttccactctt cgctccctca acattggagg tgcgaaggtc acctcagccc   180
acacgcaagc gctgatcccc ttgaccaaac atctggaaga gctcggactc ggttcggccg   240
aactatctgc tcaggacatc aacctattct ttaaaccgcc accccgggct aacatggacg   300

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tggatggatc ggcggaagtg aaagaagagg actgggtccc gccgacgctt tgctatctgg      360
acctcaccaa agctcctcag ctgtcgctgg gaacagtctt caaccctagc tcgtgcttgc      420
tactttcgca gcaaagctat ccgctgcagg tcatcgagtt ccacgagaag cttattgctc      480
cttttgcgcga gagaaccaag aatgcccgga catccctcgg ctggaccgtt cgtgagctcg      540
gtcggcgggg atggtacgtt cgtgatccgg cttccatgcc ccttcaggtg cccgatgacg      600
gttctcgctc ctggaaaatg ggtgccaggt ggtggggagc gagaaagatt cccgttgcca      660
ttggggaggt cggcggcatc tacggccact acatgttcaa aaaatgaagg cagaaactac      720
ctttgctgtc ccaatccttc atgggatgaa tgattatacc ctactgtgtt acaatttttg      780
tttgttggtg gcgcgctttg ttcatctatt tcctctccta tcatgggcgc ttcttgtttg      840
gctatatccg ggcaaattgt acaggaagc atgagcgatc aaaagtcggt ggattcgatg      900
ttatgcctca tgtttagctt ttgcttgagt tgtctgcata gcgggagcga tgttcttttg      960
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ccccattctt ctggttgcgt ttgggtatca cttgcttttg ctcatttgtt tcattgtttg     1080
gcaaggcgaa gtatggctgt ttctgatatt actgtattct ggtcgcgtcg attcaataat     1140
gcattcaggt tataattagt cgtaaaaaaa aaaaaaaaa aattcct                    1187


<210> 6535
<211> 722
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(722)
<223> n = A,T,C or G

<400> 6535
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tgctcaacgg ttactccctc tgtcgtcatt cctatatata ccaccccac gatggatttt       180
catctagtac cgcgcggcga agatcgaaac tacacaggct ttctaacgaa gaccatcgtc      240
tacacatcat ccttggttgt ttttctagct tcattcggct taaccgtatc ctccattgtg      300
gttccaaaat ggatcagcta tcgcaacgat cagatctggt attcatacgg cctccatcgg      360
cgctgttcct cagtcaccga tgcctgcgtt agtttccccc agcaggacga ttgcagtggc      420
cgaggccgct atttctgttc catgtggcgc tccgtgggct tncttatgtn ctttngccgc      480
cgtcttgaag gcatgagtat ccgcccatac ctgatcatat tggcttgtgg gaaccaactt      540
gcgaatattg gtggaagggt ttaatttggt agatcggtat cggctgtggc caagcggcag      600
cttgtcttgg ggcttattat tacacattaa cgcggttttc cccgctggaa ctgacaatcc      660
tgatnattga cctatactgg gcattactgg tttgccggtg ccttattgtg ccgccgggct      720
cn                                                                     722


<210> 6536
<211> 801
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(801)
<223> n = A,T,C or G

<400> 6536
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agccttggaa aaagggacga gcgtatccga ttcggtcttg ggtagggat ccggtcgtcc       180
caagcgaagc tgcccctctt gtgaccacca acgaaagcac tgtggctctg cggaatcccg      240
aggaggaacg actcaatgca tctggtgtac ctgacactag agaccctact caattacgcg      300
catcaaggta tatgcctcca gctaacaacc catacgccac taatatgtat ggccgcgatg      360
acgacggaca ttggtcgtct tcaagtgagg atgttgccga tggatatgaa atgcaacatg      420
gttacgctcg gacacagaat ccgacatacg gcggacagct tcctcgctac gagactgata      480
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catcatatca ctcccagatg caacccccag ttacaggagt cagcgtgtcc catccaccgg    540
cgataacgac cattcgctct gatggtgaaa gggatttgac ggacgtgcca ccgcgagcat    600
tttaagaata aaccttaatt ntaagaaaca ttttttggcta cagccagtgg cacgaacatt    660
atgactttt tttgatcaga catgggggat taggaggacc taccaatttt attactgggt    720
gggttaggta ttggcattat tgataccccct ggaacttgct tggatattgg ttaggagaga    780
aaattccgat tttttaactc c                                              801


<210> 6537
<211> 664
<212> DNA
<213> Aspergillus oryzae


<400> 6537
cgtgactgca cctagcccgg tgaagaaaaa gcttagcttg ggggactatc tcatccggag     60
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gcccaaatca cccacaacgc aaccccacat gaaccgcgag ttatccacag ttggtaacaa    180
cgaacatgca caaccccggg ccatcggaga aggcggaagt actaagtcct cggatgtccc    240
gatgaaggat gtctctgggc cgacacaggc ttcccagcta tcctcgcttt cctgagatgc    300
cagaccaatc cctcatccaa gctgcctcct gccggtggtg atggtagtga cagtgggcaa    360
tgtgttatct ttatttatta tttgaatctg tacacgatgg gaattggcgt tcaaccgggg    420
atatgtggtg gcttttgggg cctaactctt ttttctgggt cttttttccc ggtttgtgac    480
ggcgtatcaa gcgtggggat gggaaggttg ggaaatatac tctgggatat gaacggcaaa    540
aggttgtatg ggggttaagt caccaacact cgccacttat gtgccccatc ttgcttccga    600
aaatctggat aaaccgggcg aattgggttc catacccatt tttttattat ccccaaaaaa    660
aaaa                                                                 664


<210> 6538
<211> 663
<212> DNA
<213> Aspergillus oryzae


<400> 6538
ctggatctgc aaagtatcaa cttgcggaac gtgaagcagc tatcttatct ggcattcata     60
acaatgccaa aagaacggac cacctgtggc attcattgca cagtaagacg gctgaggctc    120
ggatatttt atgccgtgaa gccgcctacc tttataatct acagcagaaa gtcaaaaaga    180
gagatggtga agttaaagag gcatatacaa ttggtggcat acctatcata gatcttaggg    240
acatgaatgg tgctacaccg tcgcaaattt caacgtcatt ctcctatatt gctcaactcc    300
tagtacttgt ttcacattac ttgtccctaa ggcttcctgc agaaatcaca cttcctcacc    360
ggaattaccc tgcgcctacc atatacgcac cctctgggtc ttatctcttg cgtgaaatgt    420
tacccgcatc aagtacgttg cagccctcgc cttctagttt aacaccatca cgaacagcgg    480
atccgcggtc ttgctttccc cgaccccgac cactctccat tgacagaagt ctcccaaaac    540
tagccaggga agatccccgt acatacgctc tctttataga gggggcgacg ctattggctt    600
ggaatatttc ctggctttgc cggactcaag gactccatat aacgtcagaa tctttgggaa    660
gag                                                                  663


<210> 6539
<211> 577
<212> DNA
<213> Aspergillus oryzae


<400> 6539
cggggggcaaa ttcccttttca atcaaactgc cgacccaagg gaaaaaattc tgtgcaaacc     60
cagtttactt agggcaaaaa aaatcaaaaa acaaaaccca ggtaactttt ttgacccatt    120
tcccaatcca tccccaaatc caacccaaac ccactttaa aatccaatcc aaaaaaacca    180
aaggggtttc ctgcccaaac aaccaaaagg gaaactttcc caataacaaa aacccccccc    240
cttttggtcc aaacaaacta tttaaactcg ctccaaaaaa agtccagcaa aaacaatttt    300
tttaaaagaa cccaaaatgt ccaaaacagg ttgccaaatt aaaagttatg tcggatcagt    360
cattaatttc cccaaactcc ctggggaaca aaggaaagtg gattgaatgt aaggacctct    420
tgaatgcatt caaaaaccat tccagggatt ttggttcact gaccataggc tggcgggggg    480
ttttcctcat ggtaaggaag gccccaaaag gcccccccc aaaaactggt gggcttaaat    540
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ttttttgtccc gattgcaaaa aacaatttcc cttttcg                          577

<210> 6540
<211> 660
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 6540
acgaattttt tttttttttt tttatatat ttttaacatt ccattcacag ctatcattcc       60
aacatacatg tatctgcgag tgtcactctg aaagtgacgg ctgccacatc cgatgactgt      120
cctgtctgct gttctcactc gcgagaacag agtgccgtcc atcagttcat ggaccacttg      180
accttcagtc cgaacgagac catggtcggg acaaagacaa ggatgagcgc cagggaagaa      240
gagaagaaaa ggtggggggt tgtccggaaa cgaaaggaat gggaggacac cgttgaggga      300
tatggaaaca tccgagcgtg gtgaaacact gggaaattgg ggggtatca aacaaggggc      360
atgacgtgta taggattata gaaacaggac ttgctcggga attttggaaa tatggctttt      420
ttcttttttt tgcttctttt gaatctctag cgtacgggag gtccgcagtc cagggcgaaa      480
gtaggcccag tatcttcgag gaaaagtcga agtcccgaaa ttccacaagg gaaagcaaag      540
ggggagcgga cagggacaaa gcaaagattg acagagggg gaagtaagga agtgaggaat      600
gacgggaat gatgggaggt ttcgncaata ccaaggcggg cgggtcttct tgggcgggta      660

<210> 6541
<211> 707
<212> DNA
<213> Aspergillus oryzae

<400> 6541
tggtatggca cgactgccag tgccaagctg cataaactct atgatgcatt ctatgctctg       60
cccaccacgc caaactgaga acccacgctc acctttatta tcttctgtgg ctccctcccg      120
agactctctc gtcagcaaca cactctccac tcttgctata ttggagctca acctactaca      180
actgaccatc actgccgctg tgactgctaa cctcatctgt gcatgccatg agagcacaca      240
caatgaacaa gaccaaatca tcagcgatac gcaatgtatg cacttcaggc ctggagtggc      300
aacgcggcca gtctcagatc ctcccccagt gaggcatcgg ccaacaccga cccggtcgcc      360
ttcagcttcg atactacttg ggacggtggc tcgcccattt ccacccgggc agccctcca      420
ccaactcctc aggactctct gcttgatatt acccctcgca agtgctcttt ctctaccgcc      480
tttggcatga gcaacgcttg tgctttcccc tcctggccca accgaccggc tttgatcagc      540
acggacaccg aggtttctac tggaagcgcc tacatctcgg acgaggaact ttgcttcgat      600
ttgggacccc agtccgaatc cgccgtggaa gaagagtcgg ccgtggaaga tgccgtccga      660
cctggtgacc tgacgactga acagcagatc cagatgctgc gcgccgc               707

<210> 6542
<211> 673
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 6542
ggagaagttc gcagtccatg ccgagtatgg aaaactattc atcttggtca cgccggcgac       60
atgtgagctg tacgtggcag atgtggatgc cgcaaagcaa gtgctttcac ggtggagaga      120
ctttccaaaa ccaagtagtc tcctagaaaa aatgaatgtc tttggcaaaa acctagcaac      180
ggggccgact ggcagcgtca ccggaaattg accgcgcgtg cattcaatga aaaactacac      240
gaggcagttt gggccgaatc gacgagaaat gcgacaaaag tgatgacgaa atggaacaac      300
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- 2320 -

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accaagcctg tctacagtac acggtccgat atgatggcac taagcctggc tgtgcttttt        360
aaagcctgtc ttaatattga tggagatgat aaagacgata ctaggatatt agcaggtgat        420
gttgctgcct gtcaatggca tctggatgtg gtattaaagg ggatatcgaa cccaatggct        480
ctaggccgag gatttgaggg aataaagaaa ctcaagagga gccataaagc cttgggggag        540
ttactgaccg agtttgtgga agcccgaacg atacgaccaa nactgtcggc gcatgcagac        600
ctnctctctt cgatccttgc tccaacagat catcgtgggc tatcgagcga tgaagttacg        660
ggaaatctct ttt                                                           673


<210> 6543
<211> 705
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 6543
taggtcaata ggagaggtag gggaacctga gcgcgttacg gatgcttaag accgccgctc         60
cattcctctt tactacgctg agtcctaaaa ctctggcgct ggaatactgc attcgtaaat        120
cggatgacaa aattacccat gaagacttta ttccatctac tgatcctatt tgcagaatgt        180
tgatcggttg cccaattaat ccttctctcc gccatatact tttgtttggc cctcagctaa        240
gccagcgtga tgtacagcca caggtaggaa attcgtctcg gggagaaaga gaaatctgcg        300
tgggagcaag cacgaactat acgatgcagg aactttagtc agcctgtatg aaaattgcat        360
cccacaggac gatgaccggc tggatggact caccgaaaac aatcatagca acggcaaatc        420
agccgagcgg ngaggatcca aggctctggg cgacaagat acctgcaaga tgcaaatgaa        480
aatgggcta gcctggacaa ggttatcctt gactaagtga gctttgcatg aaaacttcca        540
atcctccctc acaagattag cgatctcttt tatcgccccc cccaacaacc tttagaaaga        600
tgacaggggt taatcactga tcattggaac gggtataccc accctgatat ttttcttcaa        660
ccaaaaaccg gggatccccca ttggagacca atccccaatt tgccg                        705


<210> 6544
<211> 560
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 6544
tgggagtacg actctgtccc tagtagcggg cgggagtgtg ctggaaaggg tttaattcgc         60
accgttatt agtgttttct cttttttctg caagcctcac caaaagagag atgctgccaa        120
attattccgc ccaacgcctt ttttttcaat catgatttct aactactaaa tttcactttc        180
tacagatcaa ttgaaaaata aaaacaaaga aaacctaccc atttcgctaa atttccagac        240
caaaaaaaaa aaccaaacca aatccatccc agcccctcgc caattgcccc ccaagtttcg        300
ctaattcgcg ttgaaagctg gccagttcag ccagtcaaag ttgttcatgt cctcccacga        360
catgttgctg ccaaaggatg gctcaaacac attgcctggc tggttcagca cctgcgcaat        420
ctggtcgtcc gacatggtgg aaaactgaac catattcggc cacagcattc tgtgggtcat        480
tgaagcttct cggcagggct tgggggcgtg tcctgcatca gctccgatga cgatggcgtt        540
gncctttgtg cttttggcgg                                                     560


<210> 6545
<211> 665
<212> DNA
<213> Aspergillus oryzae

<220>
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- 2321 -

<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 6545
tcggaacagc ctcctcacgg gccagcacta caacaacctg acccaatgcg aaacaataga   60
tgatgtcaaa ctccagctcg cccccgcata cggagacttc ctcgccgcgc ttcctcccaa   120
cccctctacc tcagcccttg ccggcaagat gacggataag ctggtcgctg aattccgcta   180
tgtgctcacc caggccacag ggtcgacggc cagattcctc gagtacctga cttacggcta   240
tatgatcgat aacattgctc ttcttatcac cggtacttta catgagcgtg atactcgtga   300
gcttctggag cgatgccacc ccttgggctg gtttgagact ttgcccgtac tgtgtgtggg   360
cacgaacatc gaggaacttt ataactcggt cttgattgaa acaccattgg ctggctactt   420
caagggcagc ctcagccacc aggatctgga cgaattgaac atcgagatcg tgcgcaacaa   480
cctctacaag aactatctcg aggactttct acagtttgtg aacacacacc cagactttaa   540
gggcactcct acacaagagg ttatgtctga acttctgggg gtcgaggcag accgccgtgc   600
antcaacatc accctgaact cgttcgggac agagctttcg aagcaggaac ggagaaagct   660
gtacc   665

<210> 6546
<211> 680
<212> DNA
<213> Aspergillus oryzae

<400> 6546
cggcgttcgg gagtagctgt gctagccttc gaagcctttt gaaataatgt tccgacaaag   60
tattcggcgc ttcggcacca ctgcgctccg cgcagcagaa ggatcgaccg cctatagcgt   120
ccgggtgtcg caagctcagg gctacgttaa cggtcttaca gaagcaattg gaaacacacc   180
acttatccga ttgaagcgcc tctccgagga gactggctgc aacatcctcg gtaaagctga   240
gttccagaac cccggaggca gtgtgaagga ccgtgcagca ttgttcgtcg tcaaggatgc   300
cgaggagaag ggacttttga gcctggtgg tacagtggtt gagggaacag ctggtaacac   360
tggaattggg ttggcgcacg tgtgtaggtc aaatggctac aagcttgtca tctacatgcc   420
caacacgcag tcccagagta agattgactt gttgcggctg ttgggagccg atgtctaccc   480
tgtgccggcc gtcgctttcg acaacccgca gaactacaac caccaggcaa ggagacatgc   540
cgagtccctg gataacgccg tatggacgaa ccagttcgac aacactgcca atcgccatgc   600
ccacattgag atgaccgggc cggaaatctg gcccagact ggcggacaag tcgatgcttt   660
cacctgtgct actgggaccg   680

<210> 6547
<211> 645
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 6547
ccaaggccat tcaagatggt ctttcatcct tgaacccctt tcgctcgcag ggctttcact   60
gctcagctcc tccgccgcag gggaggcttt tgaaaagctg tctgccgttc caaagggatg   120
gcactattct agtacccta aaggcaacac tgaggtttgt ctgaagatcg ccctcgcgca   180
gaaggatgct gctgggttcg aaaagaccgt cttggagatg tcggatcccg accacccag   240
ctacggccag cacttcacca cccacgacga gatgaagcgc atgcttcttc ccagagatga   300
caccgttgat gccgttcgac aatggctcga aaacggcggc gtgaccgact ntacccagga   360
tgccgactgg atcaacttct gtactaccgt cgataccgcg aacaaactct tgaatgccca   420
gttcaaatgg tacgtcagcg atgtgaagca catccgccgt ctcagaacac tgcagtacga   480
cgtcccgag tcggtcaccc ctcacatcaa caccatccaa ccgaccaccc gttntggcaa   540
gattagcccc aaagaaggcc gttacccaca gcaagccctc ccagttggac gtgaccgccc   600
ttgctgncgc tgtcgttgca aagaacatct cgcactgtga ttctn   645

<210> 6548
<211> 596
<212> DNA
<213> Aspergillus oryzae

<400> 6548
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cgaggcgatt tcggccacga tctcatctcc catatctacg cggctgacgg cagcgccgac      60
gtaatgcgcg atatcagtgc atccggcgag ccggcgattc caaatatcac agacctactg     120
aacccgaaca tcaaagctgt taacatgaac gagctctggg acacgcatct ccagaagtgg     180
aattaccaga tggagtacct tgagaaatgg cgggaggctg aagaaaggc cgggaaggaa      240
ctggacgcca tcatcgcgcc gattacgcct accgctgcag tacggcatga ccagttccgg     300
tactatgggt atgcctctgt gatcaacctg ctggatttca cgagcgtggc tgttccggtt     360
acctttgcgg ataagaacat cgatgagaag aatgagagtt tcaaggcggt tagtgagctt     420
gatgccctcg tgcacgaaga gtatgatccg gaggcgtacc atggtgcacc ggttgcagtg     480
caggttatcg gacggagact cagtgaatag aggaccttgg ccattgcaga ggaagtggtg     540
aagttgcttg gatatgtggt gactccataa ctaataagtg tcagatagca atttgc         596
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<210> 6549
<211> 1112
<212> DNA
<213> Aspergillus oryzae

<400> 6549
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cctctccttc ttcctggcta ttgtgccttc ctgattatcc attgatcaga gggttcttga      60
tatcatcagt atgctggcac gtactgtctc gcgcagcgtg cccttccggg gtatcgcacg     120
gcagtccttg aacagagcat ccacgcgtgc gtcttcttcc gccgccggtg ccgaatccgc     180
cagctccccc ttccacctca cagtcactgc gtccgtcgca accgccgtcg ccgtcggatc     240
cgccgcctat ctctatggac aggaagcttt tgcatcgacc cctgctgaag aagggttgca     300
ccctaccaac taccccttggg aacatgccaa gtggaacaag accttcgatc atgcggccct     360
ccgtcgtggt ttccaggtct accgtgaagt ctgcgcttcc tgccactcct tgactcgtgt     420
tccctggcgt tcgttcgttg gtgtcatgca caccgtcgat gagatgaagg ccatggctga     480
ggagaacgaa tacgacaccg agcccaacga ccagggcgag atcgagaagc gtcccggaaa     540
gctgtcggac tacatccctg ctccttacaa gaacgaggag ctgcccgggg ctgccaacgg     600
tggtgctctg cccctgatc ttagcttgat cgtcaagggc cgtcacggtg gctgcaacta     660
catcttcagt ctgttgactg gttaccccga cgagccccca gctggtgcca ctgtccagga     720
gggcatgaac ttcaacccctt acttccctgg aaccgctatt gccatgggtc gtgtcctctt     780
cgatggtgtt gttgagtacg aggacggcac tcctgccacc acctcccaga tggctaagga     840
cgttgttgaa ttcctcaact gggctgccga gcctgagatg gacgaccgta agaagatggg     900
tgtcaaggcc attgccctcc ttaccggtct cttcgctgtc agcgtctggg ttaagcgtta     960
caagtggtct tcgatcaaga caaggaagat tgtgtacagc cccctgtct cccggcgctt    1020
aatgatacaa cggactatat gaattgcaaa agggagagat cggcggcag agaaccttga    1080
aaataatcga cccccgcctt atatggttgg gg                                   1112
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<210> 6550
<211> 673
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 6550
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cgacacatgc agttgatttc tctgccattt acgaccaaga agcgcaggcg agagcgaagg      60
ctatggaaga gagtcgcaag gccaaggaga agaagaaagc agagatcgag caggccaaag     120
tactcagata cgcgcagggt gtcggtaggc agtatccggg ctccgcggct ccccaggttg     180
ttccgagccc gtcggcggag tatcaggtct acctcaacga tatacctttc cgtgtctcac     240
gaggtggtag taaattgatt agagtgtctg atgatccgaa tactgtcaat aacaccccaa     300
agagagtaac cattgccggc gttacctttg ttcggagcan anatgggaac ctccatcgcc     360
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tttgtgcggt tacttcgaan aggaagccca acgcaactaa gaagaatgag cttttgccgc      420
agattcacta cgaacggtac ctgctacaaa aggcctttct ggctatatgt tcatgaacca      480
aataaaggtc gcgctgggcc aagactttct ccaaactggg gattgccccg caggtttaaa      540
ttgggatctt ttccatgaac cttcgcccca caagatccct tctttgattg cttttccttc      600
gaggggggctt gttcaacccg gagggcgcga atgccccaat tcggttgata ccttggggac      660
cccttttcaa aat                                                          673


<210> 6551
<211> 662
<212> DNA
<213> Aspergillus oryzae


<400> 6551
ccatgatcca actaaaagac cttcccctc cacctccata ttcagggacg caaccgtctt        60
ccttctcaga ttgcccctac gatgaagaag ccgcctctga gtcaacagag cctgaaggct       120
agaattcgac ccacgaaata ctattcgccc tggcgacacc cagcgttggt ggtcacgcaa       180
cgtaaagcgc cagatctttt gtttgttctg tgtggtcttg gtggtagcgg cgacaccata       240
tgtggttttt atggtttta tgagccagtg gaggttctag gtcccggaag acgtctctta        300
cggtatcttc aaagcacgcc gggaggtgct ggtctgggc tagggagagc tgtgatacgt        360
tacaggttta tggtcgactt gtggcgaccc atgagattct ttctatggtc gcattttatg       420
gattaggtgc gcgcagccaa gattgcagga accccgatgg tgggagatag acacatacct       480
tatgcggtac ttcaacacca gcctctccca atgctgttgg ttttcgggtg atttgtggtc       540
ccggttctcc cctgacaggg ttaaaaagag gtcattcgga tgacaaggag gaccaggagc       600
aaaccagtgc ggagagttca tactggagac ggttaaatag agcttcatca ggaattttc        660
ga                                                                      662


<210> 6552
<211> 745
<212> DNA
<213> Aspergillus oryzae


<400> 6552
cctgtctggt tcgaaccctc tgaagatcca acttcagaag tgcagcacag tatacagatc        60
gcacatgctt atcgctgggc aacgattcta tatctccatc aagctgttcc agagatgcct       120
tgtgagccgg cgtcagaact cgccaagcga gtattactgc tgctggccac cgttccaccg       180
agctcccgga caacaatcat tcaaatgttt cctctcttag ccgctggatg tgaagctgat       240
caggaggaag accggcaatg ggtgctaggt cgatggagat ccattcagac tcgtctcatg       300
ctgggttcca tcgatcgctg catagacgtg gtccatgaag tttggactcg tcgagaccag       360
tttgaggccg aaaagcagcg gcggcagttc cgaggggcgg gtcgttccaa ttcccttgac       420
gatcgggaac cggtgggaag agatggatta ccctacaaaa aacatggtac acgggatct        480
aaataatccc gccatgtttg ctaaagagtc atacagaaga cccgcagctg atgaccgggc       540
gatatccttc aggggaactg ggaaccccac gggggagttc tgcggttttt tcccttgaaa       600
acatcgaatt tgaaaaaccg ttaggggggga tttacattgg gtcagtgttt tgcaagaagg       660
ggactgggaa atatttttg gggaaaaaat ccccgaacga aagaaacatg ctttattct          720
tcacaccctg taataaacaa ccctg                                             745


<210> 6553
<211> 675
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G


<400> 6553
cgcaacgaca aaccccttcc gactacatta ctgcacaccc ccctgccct gacctgaccg         60
gacctgccgt gcaactaaat taaagcggca ttgtccaccg gtgatatttc tcattccact       120
acagactgtg tctccgcatt gactcaacac caccatgggg tcttacagtg tatcgtcgcg       180
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- 2324 -

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acagcacagt gcgcggacgg gaggaagttc gagctccact tacagtgatg cttccgatcg    240
ttcgaaaagc actgccccta cgatctatag cgagcggccc acatcaaagc ggagagagaa    300
catggacccg aaagattcag tatcgaccta cgcctcgacg aaccacgacg acgaactacc    360
gaagaagccg cgctatgagg tggttactcg cggggccgag tcagatattt tcccttcgga    420
tgcgattccc tcgaattcct ccactttgg gaagttgttc ccatcttcgc gacggctgct     480
tatcgggcat gatgatacga ccctcgatgg gaacatgaac ctttgtgtgc acacncctgc    540
gccacggaga gatggctatc agcagccgt tatactttt catctccgca tgtacgattt       600
gtactcaaga gactttcgt ttcgccgcta ctgtcgcaat tccgagcgcg aggtgtgtca     660
ctcagcacga agacc                                                     675


<210> 6554
<211> 520
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G


<400> 6554
caacgtgacg ccgcccgcca cgctcattac atgaagagca caatggtcca gtcgcagctg     60
caggatctcg aggagcccaa gggcgaatgg gatgcgctga ccattgatgc tcatgtgcca    120
caggagcagg ttatgcggga ggttctggaa gcggtgaggg ataagcttgc tgagtatcag    180
tagcttgcgt tccctctctc tctcttttgc ccgtttcttt gagtctcccc cgctgttctt    240
tgtgagcgtt ctttactact gctcttgact ttggttatgc ttcgagaagc tttggttatg    300
catggatgac ctcccggtct ggtgtctgtg gagtttatta tcttgccgtg gttctacgtg    360
ttggaaaatg tttcgttgaa actatggatg gagttacttg ttggattcgc ttttcctctt    420
gtcatggttt ataaatatta tacctattgt atttgntaga tctacatatg ccttgtcgtc    480
ttgttttggg acagagcttc cattattttt ggaataagtt                         520


<210> 6555
<211> 629
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G


<400> 6555
ccgccgaccc tcacggccgt cgagccaggc ggcgtcgcct agtctccgac cgctgtctga     60
tgcacccgc gggccggagg gacctgagtg gatcgcgggc accagtgaga gcccagcacg    120
acggagcagc cgcgacgaag gtgcgttcta ccaggccgaa gccgcaatgc tcgcgaggga    180
gaatcaaatt ttgcgacagc gcatccggga tttagaacgc caggtgagtg agttgagcac    240
ttcgcccact cgaggtggtg tgcggtcggg cgagatcgcc gcaactcctg ccacagaagg    300
cggcgcaact gccgatcccc atgcgactgt tggagtgaga tcgaccaatg aacccgcgga    360
taagacctga ttggacaaat gcaatacctg catcggggga cggagtattt cacggtgtgc    420
ttctccagat ttcaggacga tcaatacgga gtacatatct cttacagcgg gcaaccgcag    480
ttcaaggtta tatgcattgt ctctttatga gctggctccc gctctggtcg tatgcgtgcc    540
atctaaagtt gtctatacga accagcgatc cgagcgcgag cctacaggca tcccgccgga    600
tatgaacaat cttcacacct aatcacaan                                      629


<210> 6556
<211> 643
<212> DNA
<213> Aspergillus oryzae

<220>
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<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 6556
caatatcaag atatagtact ttcttgaaga cgtcctgatt ctcatctgtt taatatacgc   60
catcatggcc gacagcgaaa tatcaccaga aactatacta tcggagctct ccacgactcc   120
atatgtctgc tcatctgttg agcaattaag cggtgggacc gccaacttcg tctttcgtgg   180
cactctgctt cgtccacgtc aagatggaac cacaaccgtt gtcatcaagc atacagagga   240
ctatatagca tcaaatcgcg aatttaaatt atccgcccaa cgctgtctca tcgaaaaatc   300
cattttaacc tcacttaata acttccccag ctcgaaaatc acgaacgatg aagacgcaac   360
cagccaattc acggcaaaaa caccccatat atactcattc aatccgctca cccacacccn   420
aagtatggaa gaatcttctg acntcgtaga tctaaaatca tttttgtgt cgcccagctc   480
agctcgaact gtgcccccgt gaatgggcgg tgtctcttgg ccgggcattg nggcactggg   540
ctgagtcctt cattcatggc ccaggagcca cacaggctga tgtgctctgg aataaagcan   600
aacccactct tncggatttg aagtcagcat aactatgata att   643

<210> 6557
<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 6557
ttttgcgatt tactgcatta tgacttgcac aatgttacat ttggtcgcga taacctctcc   60
tgacccgaac ttccacacag atgcgcgtga ttattttgct cgacacatgc gcatcctcga   120
gaggtgctct tctgcttggc cgatgccaga aatgcaagca cagatcgact ccttgcggct   180
agcattctcg gccgatgtga atagaccctt cgagcttaag cccacatttc cttatggaag   240
tccttcagag ccataccatc cgagcccgcc gcctctcgac tcacaatacc aacctcatgt   300
aagtcaggtt tctggcggcg tccggggtcg ggtgggttac aacccttatc cgatcacccc   360
accaatatca gctagtactg aagattcaaa gtccgattgc tcccagctcc attctctggg   420
gatgatgccg ccccagcctg tctcgagtca atcattgaac gcgcctctcg ttgacgagaa   480
cagctgggat cccacccgta taattactca gtgggacatg gcattttcca tggcgccttc   540
cacagtgaat acaaactctt ccccaatggc tatggatcat tcagttcaag cgcctttggc   600
aggacaatac actgtccagt atggacaaac aacaaaggtt acgccagtca cgccttctca   660
ggtt   664

<210> 6558
<211> 653
<212> DNA
<213> Aspergillus oryzae

<400> 6558
caaatctttt cagtcaatta taagtactta accagggaga cccgagcgaa aatgaagacc   60
ttcttgcccc tcgtttcgct tctgatgggc gtagggatga cttctgctgc ccccgctcta   120
aaggtcgctg ctgaacgcga cgtcaacccg gaaagcgcac actcatttaa gataaacgcc   180
tacagttctc ctccctctga tggtcaggtt aatgatgcct tgcaccgcag ggaggtgacc   240
ccggaaggtg caaatttatt catcattcat tcttatggca atccatcgga acacaaagtc   300
gatgatgcgt tagagcgccg aaacgaggac agtgtcgacg cgcacgtat cttcaatgcc   360
atcgagtcct atgggtctta accatgtcga aacttgatta tttttatgca gcgcctggaa   420
gagtgatgga ccttcggact acccggttta ttctcttgcg agtgactcct ggggacagat   480
atatgttat cggggttcct gggcctcggc ctttattttg gaactgcaag cgggacccca   540
tagttatctt aattttgcgg gcgtgttgaa ctcttgattt ggaatttata gccgaccaag   600
gcgacttaag cttatctttc ctggggtat ataatggtat aaaatcgcta ccg   653

<210> 6559
<211> 582
<212> DNA
<213> Aspergillus oryzae

<220>

- 2326 -

<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 6559
cgagggcgac tgagcttctt cacccgaaga agaaataaat gtcatactca atacctgaca   60
aggcatagtg ggcattccgg cggagatgac ggggccgact gtgtacagcc actgtaagct   120
cctgttattt ccgacacggt cgcaacgcgg ggtgaaccaa aagattatta atagcgttta   180
agtcttggct ggtggagtcg ggcttcaccc tgtgatggcc ttggttttga ttgaccaagg   240
aactgctggt gtttgtatgg actacgcgac gtggttaaag gaggacctga caaaaattga   300
ctagcaaacg aggcttgacc atccagtcgt ttcgaaaacg tcattgcagt ctcttgattg   360
tatgccgtga cgagcgtcaa gaatggatac tacgtctaca gatgtagatt gcggtagcat   420
gttggtaaag aaataatact gttggaccct gctctttcga ctccaccaga gcggctaatg   480
tgcctgcgcc ttctggcatt aagtttggag attctcaatc taagtgccct acttttttgtg   540
ctactcgnaa aggaattaat atgggtgaaa atttcctgct ga   582

<210> 6560
<211> 661
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 6560
cggtttatta tcgggttcct agtttaaacg gcaaaaatcg ctgcaagtcc acgcgacaga   60
tctttgtgca aaagggtgag agagtgaaga ttggggagcc ggtcaaggtt agcttttttcc   120
gacaggttgc gccgggagca accctgatgt atgaggatat tctgtacgcc tgcgacgagg   180
atgtctgccc tgaatacacg aaagaccccc ggatcaagga ggtcgtgaca cttacttcgg   240
atctctcgcg caagaacctg gaaaccgatt tcgagcgcat ggataccct cagggagtct   300
tctaccgtgt atacttcgac atctacctca cactcgatgg cagtgaattc agcgccgaac   360
tcgtctgcca gggcgaggtt atgggccgat gccgagccaa attccggtaa atcagacaca   420
ttcagattct gatgctgggt atataaaaaa tcttaaagcc aaccgacgga ctcggttggc   480
cggcaactgc acagggcggg cgtttatacc atctttctca tccattcccc ttcgaagccg   540
ctgggcaatg ttgtccagag gtccaccatg gagtttacct cttattctta ccttatgttc   600
cctcatgttt gatgtttcct ggatacctt atatgagctc accttgatga ttggttgatt   660
n   661

<210> 6561
<211> 665
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 6561
taatacgtta tcccctttcc aatcgcattg cacggcgttt tcggttttgt gtgttcgagt   60
ttacccttttc tgatatccat tatcgtcact ccttttctaa gccgcggcgc tgggtcaatt   120
atcatgtctt acgtgctggg actattgtga gttggcttca gcgttttttt gtttgatgat   180
cattcgtatg atccgatgtc tctccttttc aatattcttc atgtcttaat gccccatctt   240
ttcgtcattt aaaacctgtt gacatgacgc atcttagacg atctgttgtc cgttccctt   300
agcatttgca ttatatatgg gcattgggat ttcactcctt tccggcagtt gtacaattat   360
tttggcatag catggcgctg ctgtccttcc ttttggtttc gcaggtctgg gtatttggga   420
tttctgggtg ggatggcgaa ggaaaagtgt gcaatgtgtt ctgtttcaat ttccgatgca   480
ctgtggttca cttgtgctca agcacactga gactccaggc agacttttgt gttctttact   540

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taattgggcg acctcgatcg ggagaatcac tatatatgct tagctttgcg tttgggatac      600
cggttcttga ttggtggtgg ttgatgatcc ctccaaccct gggtacggat gattggaaag      660
gcttn                                                                 665


<210> 6562
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 6562
ccgatcatgc tccctccaac ccgcccgccc agcctgcctc gaagcaagcg ccaacgcaga       60
cagccttatc gacaatggag aagctgaagg tggtcggcaa caaaattcgt cgtccttctc      120
gggcctctga atcccacggt gtaaagacgg gtcagccgca caggaaagcg ttagacaaaa      180
taagtggctt cttcaaccgt cgagcggaac atggccggcc caaatcaaga gctgccgaaa      240
gctacgttcc accgggacgc ccaaatccgg cgagaggccc attcaatgga ccggctttat      300
cccgtctcat cacagcgcac gtccacctca gaccactctc atcttccctc cgccgagtat      360
gatcggcccc gatcaaatat cgagaaccac tccttccagg ccaacctcc tcccgtggaa      420
ggatacttcg cgccggagtc cttctcgcgg cttaacgatc cccaagacct cgtaccccct      480
ggacgcaaca gatcactgtc cgagactgtg gccgcgatta ccatcacgag taatcgcatt      540
ccggggccga ccgataattt ccggcatcga cacaggggc agtggaagcg gaaatgggcg      600
actcacttcc ccaatcaccc gctcttccga ccacccacaa accccaaac ccccatata       660
aacaaccacc gatcgcatcc cccgggn                                         687


<210> 6563
<211> 584
<212> DNA
<213> Aspergillus oryzae

<400> 6563
cgaggcaacc ctgatagtgc ggcagtcacg atatccgaca aaagtcagac gagccaagac       60
tcgaacagcg agtactcaga gtcacagtcg cagaggtctg ttcattccgg aagctctcga      120
ctcgttcgtt cgaattcttt agggtccagt atgctcagta ttgatcaaag cggcctaatg      180
tctgatgctc gatctggaag tgaagtcgac gtggatgctc gttgggagca atctcgtagg      240
attgtgaatc ctccatcccg gcctatgact tcaggcaccg caattgcccg ttccgaaact      300
aagcgctggg acggggctga tgagggtcac aaaatgacga tccgtaactt tggccgcaaa      360
ttgatgccgt cccgaaagta actgtccaac agaaaggacg tgcatatggc tttacaacca      420
tgtcagatcg gtgaaataag ctgagctttc ctgaccattt atccttttta tcctacattt      480
tctatatcac actctcgtga cctgccattt tctgctacat gataccccag atgctatggg      540
tcgtatatag gcgtcatctg tttcactggc ttcatattat aaaa                      584


<210> 6564
<211> 661
<212> DNA
<213> Aspergillus oryzae

<400> 6564
ggaggtagac tccataggaa tgcgacacc ctctacgtgt tttctccgc caacctttac        60
aagactcatc accccagac tccgagcgtg tcttgcgcga tggccatcca cccgacgttg      120
agtcctcaat cgaatgccca gggaactttg tcccgcagc aagccgggc gatatcggct       180
tggtcagaac aggcggctgc gcatctggga aatctgacca tctcggattc cgttcctgcg      240
gcgaccagc atcgtgctgg tccggagtc cttccacac gcggtgcctt gcgagggacc       300
atggttacac tatcaattcc actggatgac cggtcccca gcaggggaa tacatctgct      360
ccgatggtca aactcctggg tcagccttct gcccaaaaca gcaagtccct tcggtcagtt      420
tccggcgccg agaaccactc cggcctgata gtttgaagat cgccaggcg ctgttgaagg      480
gcaagatgga agtcgtcgca gcaacgctgg gagaccggac gtcttgaccg actggtggcg      540
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- 2328 -

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ttacccaaaa atgctttac cgaatttatg cccctgaaat tcccggtggg cgaacatttt      600
tcaacagggt tgccctggac gggcccctt ccaaaagaac gcttcctgaa caaccctggg      660
g                                                                       661


<210> 6565
<211> 662
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G

<400> 6565
cgaatattca ggctccattg tggcgacccc aaagcccaaa tttggtgctc gctggggaac       60
caaacaagca cagaagcggg ccggtctcag cccagcagag caagcgatgc gagatgcttt      120
attagcaaag aaggccgcag aagaacaaga gaacgacga ctgcaagaa ggagctacg        180
tgcatcacag cgtagagcgg aatcgcgggc cgattggaac cgacctccaa ggcgacagaa      240
caagcgacgt cctttcgacg atggggagag ccgatcactg cagcctgata aagatctaga      300
ggtaaatacc agacatgtac cgagaagtct gcgtgcttca gactggatct gcccggactg      360
tcaatataac tgtttttggga agcatcagac ttgcccatgc tgtaaagctg tccgaccaga      420
tttggcgtgg ccgtcgtggc cttccaagaa tccggcgcag aaaatggaga gaacccgcag      480
ggctgaaacg cgcaaagctg gcgcttcaga agaanaccct aaagattcgg agactgggtc      540
atgagatgct gttcgaaatt gaccaagaac aaggtgggtt tcgcagccat tactagaccg      600
gaaaatggct ttatgacatt tatgactaat taggaaaacc acttggaacg ccggtttgtg      660
tn                                                                      662


<210> 6566
<211> 943
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(943)
<223> n = A,T,C or G

<400> 6566
gtttccttct tttaaatcaa gcctttaccc tcagaaactc tttctttctc atttctctcg       60
tatacttact ttcccttcaa tcttgggagt tatccttcgt tcctccatta ctagaccttc      120
atcttttgaa gacccaccgt ctcttgaata cacattataa tacaatctat atatacccat      180
ctacgaacct catttgtcca tcaatcagca tgtctttgac ctactcggac aatcttgctc      240
ctcagccctg gaccgatgtc ttcacagacg acacatgtat tgacaggcgc aagtgccacc      300
ggaccgtgcc catgaaggtg ctggcactcg gcgttggaag aacgggaaca gcatctctcc      360
gcatcgctct ggagcgcctc ggatacctga agtgctacca tatgatgtcc gctagtgtgg      420
agaaccctcc tgactgcttg atgtggcacg atgccctact cgccaagtat gatggtgtgg      480
gtgagtttgg aaggaaggaa tgggaccagt tgctgggaga gtgtcaggct gtctgcgatt      540
ggcccgcctg tgcttttgct aaagagttga ttgaagccta ccctaatgct aaggttattc      600
tgactactcg tgatgtggac tcgtggcatg catccgtcat gaagactgtc ttttggcgtg      660
tgagcgatcc tgaacacagc tttgtttcga attcagctg ggctgccagc atgtactacc      720
ctatgttgaa caagttttt gagaccttct tccgcgggga cttcccaac aagggcaagc      780
aggtgtacca ngatcacgtc gacgaagtcc gcagcctggt cccacctgag cgcctgttgg      840
agtacaagat cagcgatggc tggagcccttc tgtgtgaatt tctgggagaa gatgtccccg      900
acactccatt ttccgtggaa atgacatggc cgaattcttc agg                        943


<210> 6567
<211> 728
<212> DNA
<213> Aspergillus oryzae
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<400> 6567
cttggcctca gcgacaagcc ctctctcctc tatctgctca atttctcact ttaatccttt   60
cccagacctt tgatttagtt ctaggtcgcc ccgcgataca ttgtactagg ggtcagagtc   120
tcactctgta ttttaagact gctacctggg tagtttagca ctcgtttgcc tactcttgat   180
tctcaaccac agccactcat tgttttcggt ggtcggccta caaggaccct tgtcacagta   240
ccaatattat catggctaga catcactcgc ttgattctga gagaccgatc atggcccctt   300
ccactcgagc gtcgaaaaga ttttcgaccg taagcgggaa cccttcgatt gcttcgtcag   360
gcaccattgg aagcctacca agcggcgatc ctcgtttggc tgaattccat cacttgcgtg   420
acggactgga gcgcctggag aataaacctc ttcagaagca acgcttcgtc cctactcccg   480
aaaagagcga taacttgagc aagctggcgc tgagtgcgaa ggtggaacga gcacttgacc   540
ggagaatgac tggccaggat gctatcatgc gcaagccagt tttgaacgag aaggccgctg   600
ctgaatctac aagctcgtag acgatctgtg gtctacccga taagtttcgt ataaacgcct   660
tgagttgata tctatgtttg gtccttaaat ctttccattt tcattttttc ttttctgagc   720
acctggtt   728

<210> 6568
<211> 689
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 6568
tggacaagca gtgagatcgc tgagccacat gcttgcccgc ggtcctctgg ctatgctgac   60
ccccataccc atcagccaac atcccaatca tactagacga aacatagaag aaatcactcg   120
ccggccgata ccccgtcata gaccaattga gatccgagta gtccgcgcga tcccagtgct   180
tcatcaacgc aaatagaaca tcaaacgcat aacccggatt catgtgaaaa tcccgctgac   240
cccgagtaca aagatacgac tggacctgca agccgcggac atactgatcg tccttggtat   300
actgtgcctt cgcgacaccc ggctgcatcc agcgcttgtg gtcgcctcgg gcgtaaaacc   360
gggccaccat atccaggaac ccttcttcat ctgccgaaac cccgaggatg tattccatgt   420
tctggacggt tatgagcaga cgctgcattg tggttgatgc gccccaggat gggtatttct   480
gatgctgttg gcatatccag cagtcggtgt cgatgagcgc tgtggttgcg gtctgttctt   540
tgtggtttcg ggcctcttcg aatgcgcagg tcatatagga gacgatcagg tgggtgcagg   600
cgtgccagaa tacgaccatc tgacacattt gtgctgtggt gaggagggta tnncgctatg   660
tgctgttcca gtatttaggg gagctggtg   689

<210> 6569
<211> 655
<212> DNA
<213> Aspergillus oryzae

<400> 6569
cagcattttg tcattgcaag cgctttacat tgcagaattt ttccccctcg gcttcccctt   60
acttcaaagg ttccttcttt ggatgttctg ttgcggaacg tcgcattgag tcagtgttgt   120
gatctcaccc ttcgttcact gagatctctg gcgcgtccct cccccacact tatcttggtc   180
ctattttaat tccagcgtcc ctcatccctc ccgacgctgt ctccgaacgc cccgaatcgg   240
cttcttcgt tacacatcc gtctccacgg cttcttacat accggccggt tctcattggc   300
aagcgcctgc tccggctgag tcaacctagg ctgaaccttc cccctcgcc attgaccctt   360
catttccggt cagggacaca agccctatca gtacctgcaa agccgtgagg aacaaaccgt   420
gggctctccc cgaatctcga atcatcccaa actgggagg aatcagggtg gctcaacgta   480
ctttgaaacg ttccaaaaaa cctcgcacgc tgtacgcgat gcttaaaaag aagactctat   540
acccccctct ccacttctgg cacagtactc ctacatccac tcctgaactc tctcccacat   600
catcgtcttc ggacagtgag tcaaacgagg acatggacct atctggctca cgtcc   655

<210> 6570
<211> 684

<212> DNA
<213> Aspergillus oryzae

<400> 6570
acgtcccagg ttagggtcaa gccagtgcgg cgtgtgaggg atttgtcact tccttctccg   60
gagaagctct cacgaagacg gttgatgaga cggggaacct ccagacccat cagggcattg   120
ttaatactgt tgcgagagaa gatattgcca aagcttcccg acacaacgag cgggatcttc   180
tttgccagaa tggcggtcgc tgcctgctct ctggagcttc cacagccaaa gttgaaacca   240
gtgactagaa tgtcaccttc tttggcgatc gacgagaact gagcatcgta gttggacatg   300
cagacctgag ccattgtctc ttgggaaaca tcatcttggt aggtatattt gccaggatag   360
ataccatcgg tgttgatgtt gtctgcatcg cagaaaacaa tttcacccga gacacgctct   420
ggaaatccag ggtatacctc cgtcagagaa tcaccggatg actcctcact ctcttctgga   480
gcaaactgct tctcaccatc ggcaaccaga ttatcaatct ggccgatcaa tttctccaag   540
gcttgttcgg cggtaagcat gcgatcctcc tcccgaattc cgtctccttc tccacgcaca   600
acttcagtca aaccttccgg ggcctggtac cagccgggcc cgctgagctt tcccctcgtg   660
ccgaattcgg acagagctga ttcg   684

<210> 6571
<211> 645
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 6571
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caccaactgg cacgcgacgc cgtaccacgc tcccctgtac ctcgctcaga gcaagggtta   180
cttcaaggaa gaaggcctga aggttgctct gctggagccc aatgacccct ctgatgtcac   240
tgagataatt ggtagcggta aggttgacat gggcttcaag gccatgatcc atactctggc   300
tgccaaggct cgtaacttcc ctgtcacctc gattggctct cttcttgacg agcctttcac   360
cggtgttgtg tacctcaagg atagcggaat cactgaagac ttccgctccc tgaagggcaa   420
gaanaatggc tatgttggag agttcggaaa gattcanatc gacgagctca ccaagtacta   480
tggcatgact gcggacgact acactgccgt ncgttgcggc atgaacgtta ccaaggccat   540
cattcgcggt gacattgatg ccggcattgg cctggaaaat gtgcaaattg gtgaactggc   600
cgagtggctg cattccanaa ccgtccccgg gacgacgtta gatgg   645

<210> 6572
<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 6572
ggtggtactc atataatttg gactcgattt cccatctcat cgtgatccga tcccgagcag   50
tttgacaaat cctcgcaatc atgaagttct tatcaactgc cgcagcgctt ctcgtctgcc   120
tcgcccccgt ttccaccaca gctcgaagcc tcgacttctt caagtcatcc caatccccta   180
tccaagcaca agccaaatcc gtcccaggaa acaaccctct ggagtattgt aatgacccgt   240
cgggcgatat cctagatatc aaacaggtgg acttgtcacc taacccacct cttcctggca   300
aaactcttgc catcacggcc tcgggcacct gcgtgaaaa gatcgaggat ggtgcttatg   360
tgcttttgga ggtcaaatat ggcttgatca ctcttgtcag gcagacagcc gatctctgtg   420
aacagctcgt caacgtagaa cttaaatgtc ctctgggacc aggtgacatg acattgacca   480
agcaggtcga tttgccaaaa cagattcctc cgggcaaata cactgttcaa gccgatgtct   540
tcaaatagtga tggtgagcat atcacttgcc tgaaggccct taacattgaa tttaagggtc   600
ccttctyaya ggttgggaat atgtacgccc tggacttaga tatcgatatg ctcaacctaa   650
gttt   664

<210> 6573

- 2331 -

<211> 1028
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1028)
<223> n = A,T,C or G

<400> 6573
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tggaacaagg gtgtcttgga ctccttcttg atcgaaatca cccgcgatgt cctccgcttc     120
aacgatgacg acggcactcc cctcgttgag aagatccttg acaaggccgg ccagaaggga     180
accggcaagt ggaccgccat caacgctctt gaccttggta tgcctgtcac cctgatcggt     240
gaggctgtct tctctcgttg cctcagtgcc cttaaggacg agcgtgtccg cgctagcagc     300
ctcctcccag gccccactcc tcaattcacc ggtgacaagc aggctttcgt cgatgatctg     360
gagcaggccc tttatgcttc taagatcatc tcctatgccc agggcttcat gctcatgcag     420
gaggctgcca aggagtacgg ctggaagctt aacaagcctt ccatcgccct tatgtggcgt     480
ggtggctgca tcatccgctc tgtcttcctg aaggacatca ccaacgccta ccgccagaac     540
cccgaccttg agaacctcct cttcgacaag ttcttcaacg aagccatcgt caaggcccaa     600
aacggctgga gaaacgttgt cagcaagggt gctctctggg gtatccctac tcccgctttc     660
agcactgctc tcagcttcta cgacagatac cgnactcggg acctngccgc caacctgctg     720
caggctcagc gggactacct tcgtgcccac accttccggg ttgagcccga gcacgccacg     780
agacctaccc tgagggccag gacattcacg ttaactggac atggacctgg tggtaatgag     840
ctccccttta ccttcattgg ttaaattaaa cgaagatacg cactgggct ggacgggaaa     900
cttttccttg ggccggatg gtatatagaa aaagaanaaa tgggaaggct tattaagctc     960
tcgggcgcat tgaaagagtt ccatataatt aaacggaagt cggtccttac ccctgtatta    1020
aaaggaag                                                             1028
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<210> 6574
<211> 740
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 6574
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tgcctcgatt cggacgaggc ttcttgtaca atacctacat acaacgccaa accccctctc      60
aaagtatact tcacttccag aatacctaaa tcgagttcaa caataacaac caccaacaat     120
gctcggtaag atcgctctcg aggaagcctt cgcgcttccc cgcttcgaag aaaagacccg     180
ctggtgggca agtctcttct ccacggacgc cgaaacccac gtcaaagaaa tcaccgacat     240
caacaagatc cgtatcgagc acgcagacaa gcacggtgtc ggctaccaaa tcctctcata     300
cacagcaccc ggtgtacaag acatctggga ccccgtagaa gcgcaagcgc tcgccgtcga     360
gatcaatgac tacatcgccg aacaggtgcg cgtgaacccc gaccgattcg gcgctttcgc     420
cacactatca atgcacaacc ccaaagaagc agccgacgaa ctccgccgct gcgtcgagaa     480
atacggcttt aaaggcgccc tagtaaacga tacccaacgc gctggcccag acggcgacga     540
catgatcttc tacgacaacg cagactggga tatcttctgg caaacctgca cagagctcga     600
cgtccccttc tacaagcacc ccggaaccc cacaggcaca atctacgaga agctctgggc     660
tgaccgaaaa tggctcgtgg gtccaccttc tagcttcgcg catggcgtca gtctacacgt     720
gctccgaatg gtcacaaatn                                                 740
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<210> 6575
<211> 679
<212> DNA
<213> Aspergillus oryzae

<220>

- 2332

<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G

<400> 6575
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gtccgttgcc ttcaatggtt tgcgctgcta ctctaccggc aaggccaagt ccttgaagga   180
gacattcgcc gacaatctcc ctggcgagat tgagaaggtc aagaagctca ggaaggacta   240
tggcaacaag gtcatcggcg aggtcaccct cgaccaggcc tacggcggtg ctcgtggtgt   300
gaagtgcctc gtgtgggaag gttctgtttt ggattccgaa gaaggtatcc gtttccgtgg   360
atacaccatc cccgaatgcc agaagctgtt acccaaggct cccggtggcg aggagcctct   420
tcccgaaggt ctcttctggc tgctgttgac cggcgaaatt ccctctgagc agcaggttcg   480
cgatctgtct gccgagtggg cctgctcgtt ctgacctccc caaattcatc gaggagctca   540
ttgaccgctg tcccagcact cttcacccca tgggctcatt ctctctggct gacactgccc   600
ttgagcacga gtccgctttc gccaagggcc tacgctnagg tatcaacaag aaggactact   660
ggaactacac cctcgagga   679

<210> 6576
<211> 1202
<212> DNA
<213> Aspergillus oryzae

<400> 6576
ggccgacttc atcgaactta acacttccag gcaacgcttc ttttcctctc cccctctctc   60
tatctgctgc taccgccgct tgacctttca tctggtagac gactcctgtt tctttcgtct   120
tttctttcgt ctcccctcct tgaagagcct tgcatttgtc aacagttccc cctacaccgt   180
ccatcatgaa ccctgaatac gactatctct tcaagctcct tcttatcgga gattccggtg   240
ttggaaaatc ttgcttgcta cttcggtttg cagacgacac ctacacagag agctatatct   300
ccactattgg tgttgatttt aaaatccgaa caatcgaact tgatggcaag acagtgaagc   360
ttcagatttg ggacactgcg gccaggagc ggttccgcac catcacgtcg tcttactatc   420
gaggtgctca tggtatctgt gtcgtgtatg atgttactga tatggattcc ttcaacaatg   480
tgaagcagtg gctccaggag atcgatcgct atgccactga gggtgtcaac aagctgcttg   540
tgggtaacaa gagtgacatg aagataaaa aggtcgtgga gtacacggtg gcaaaggagt   600
tcgctgatag ccttggaata ccattcctgg agacctctgc taagaatgcc tcgaacgtcg   660
agcaagcctt cttgacaatg gcaaggcaga tcaaggagcg tatgggtacc gccactgtca   720
acaacaagcc gactgtgcag gttggccagg gccagggtgt ccagtctggg tccgcaggtg   780
gttgctgcta atcgaatcaa tgagtcgtgt tgcacagtac tacgttagcc acctcggtat   840
ggagcaggga ggtgggtttg ccaactgcgc cttggcactg gacagttcta tctgaaaagt   900
ggaacggcgc agacgacact gcggagattt ttgctatttt caagctcggg atgattattg   960
ggaatcattt cagatccttc acacaatgct ttagacggcc tgcgattgtc tttatatgtg   1020
ctcatattgc tggtaccctt gttgccccctt cccccttgt tacacgctac ttgttttgtg   1080
atttcctttc cagcatttcc ctagtttctt ccatatctta ttagtaggtt ggattccttg   1140
cgatttgtc aggaacaaat taatggaaa gaccctgaac gttcggaaaa aaaaaaaaaa   1200
aa   1202

<210> 6577
<211> 627
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 6577
ccaaagcgag aataatatca cttgaatagg gggcgaaaat accactctcg cgtgttcttt   60
ttaacacgcc gcctcctact tactccacat catgacattc ccactgactt attccattct   120
ttccttgatt ccggtcaacg tctcttgaac ttacgccggc ggcggttcca cagccaattg   180

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aaagtcgttc tacggccttt ccgcgcggaa cgttaaggac gttccccacg aactgttcca        240
ttcgatttgc cccccagtgg ttcggtggtt cctattcagg agagagccgt taaaaaaatt        300
aaaataaaaa aaagagaaaa aagaaaatct cgcagattgg ccaccggggt ctagtggcct        360
tatatctgcc tagaacgcgc tctggtgtct ttcacaccca accctatgtc cccatccgag        420
cggcattgat ataccacact gtggcctgcc accaatcaag ctacaacat tgaatgctgg         480
gagagacaat agtccttaca agtcaccgcg tctgattctt cgaaataaca cttgggatct        540
catatatatt ctnctagtgc tttcgagtca ccttgggact acagtacttc acaatggtcg        600
aggacttctc tttctcaatc tcctcgt                                           627
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<210> 6578
<211> 694
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(694)
<223> n = A,T,C or G

<400> 6578
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agacacgaca caagaccatg cgcggtgctg ctgcactttc tcatgtggtt gaggttcttg        180
ggcgaggcca ttcatgcttg gtcgcacttt atcctgacag attcgagcga caccgacatc        240
gacgccgccg gaatgttcgc ccccaaatgg agtcagcgac ataagtctga atggttcggg        300
tcgtccatgt gtctgtcctg ccttttgcgg taatgcgata ggtatgtcgt cgtcattaaa        360
gagagcctgg tgatacggat gtaacaagac cggcttatgc ttgcctgcag atcgctgttt        420
gcagattgtg tagaaatcat ccttctgcac gacaagtgca gggatgtacc tgacccaagc        480
aaattttcg tccgagcgcc gcttggctcg ttatctggtc atacatttt cgattggtcg         540
gggagtgaag ctcccgtcac tacgtcgcaa agatcgattt gccattttca accaggggat        600
gggttgtgca ataaccttca agccttttac atgggcctac aggcgaaggg catgttcatt        660
gtcactataa atcggatcaa gagggttgtg gtgg                                   694
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<210> 6579
<211> 903
<212> DNA
<213> Aspergillus oryzae

<400> 6579
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accactccta cgaggcttta acataatgaa ggtcttcgcc ccattactct ccctcagttt        120
agctacctcc gtagcaggcc atggctacat gtacatccct tctagccgaa cccgtcttgg        180
ttacgaggcc ggtatcgact catgccctga gtgtgcgatc ctcgagcccg tttcctcctg        240
gccagacctc gatgcggcac cagttggccg cagtggaccc tgcggttaca acgcccgtga        300
cagtatcgac tacaaccagc caaccaccaa ctggggctcc gacgctgtgc aaagctacag        360
ccccggcgaa gagatcgaag tacagtggtg tgttgaccac aacggtgacc atggtggcat        420
gttcacgtac cggatctgtc aagaccagag cattgtcgac aagtttctcg acccgtctta        480
cctgcccacc aacgacgaga gcaggctgc tgaggattgt ttcgacgcag gtctgctacc         540
ctgcacggat gtcagtggcc aggagtgtgg gtacagtgcg gattgtaccg agggcgaggc        600
ctgctggcgt aatgattggt ttacgtgcaa tggcttcgag gcttctgacc ggcctaagtg        660
ccagggtgtt gacaatgcag agttgaactc ctgctatacc agtattgctg gtggatacac        720
ggtgaccaag aaggtcaagc tgccggagta cactccaac catacgttga tttcgttcaa         780
gtggaactcg ttcagactg gccaaaaatt acctgtcttg tgctgatatt gccattcaaa         840
gagcgtgtcc tcttttgtga gcatggcatt tcgtcactgg tgcttgctat gactggtctt        900
act                                                                      903
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<210> 6580
<211> 655
<212> DNA
<213> Aspergillus oryzae
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<400> 6580

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aacttaatac aggcatgtct taccttggac cttcgagtgt attactacgc cgaggactag       120
cacgcgatcc taacaggagg gggaagtggc cgcagacgta tgatggccca cacgctcgac       180
gcgaacggag catgtaagat aatgataata ggacgtcgac aagaaggcgt gaaagagacc       240
atatctcaga ggacgaacag caggcgaagc gccataatca cgattaaagc ggacatatga       300
tcagaagcat ccctagaagc agacgaccat accatttccg cgcagacatg atcacgttga       360
tatcctgatc gctaacagaa ggattctcag cccaaattct agtgccgccg ctgctatgac       420
acacggatac gtccccaatg tcgctgatgc tcgctatgac ctctggtacg tgccatggat       480
gactagacta taggggtgga cggtaatggg accggcgctt attatacagc agtggctcgt       540
ctcaccgctg atgtaagcgg ggaataaaca gagggcgggc gcctgagaag aatgagaact       600
gctacgccta ctagcgcagt tactattact agctttaatg gcggttgtta ataga           655
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<210> 6581
<211> 699
<212> DNA
<213> Aspergillus oryzae

<400> 6581

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gaaacgctac caagacggat tttgagacga tgttcatcgc ccgtgggtac ctggactggg       180
tgaccgccga agcggttgac cacgaaggcc gggtcctggg cacttctcgg gtccagagaa       240
gcaagatccc tgataactgg ccgcggctg gattcaaggg cgatctcaag acccttaaac        300
cggatgaccc caaggccccc aagtcgaacg gtggtaagca aacaactgct gacgcagagg       360
ccgataacaa aaacaacaac aacttgcaat ccccgcgccc ggctgatgca aaagtgaagg       420
agatcgctca gctggcacat gaaacgtacg atctcgttcg aaacgtcagt ggtgttttcg       480
tcctcatcgt actttgcggt atagtgaggg gtatcgcagc cagcatctat ctcttgtttc       540
ggggtccgat aacacagcct ttccaacatg gtccatttga tgacatccca gagaagagaa       600
tccgcctcaa ttctgttgag ggaatctggt ggatacccct atttacagtt aaaaaccttt       660
tggctttggg tgaaattatg gataccatac ccttgggac                             699
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<210> 6582
<211> 698
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(698)
<223> n = A,T,C or G

<400> 6582

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attctccgat atgataccag gaacgataga ttggaactct ggacggctgc taagaggaag       180
atgctacctg atgacctta cttcaggctg gatcatcatg acacagaagg cgtaacttgt         240
gaaaaagcgc ctgtgggatc gggtccctcg aaaactctgc tgaagatcgg gaatactctt       300
tacaacgttg acctctcaat gatcccatac ctagcgtcat ttgtcagctt cgagcgcaat       360
ngtcagccac aaggatcgga gtttactcac ggtgtatac ccctcttcga tactgcacta        420
caaggacttg agtcaggcta ccgattctgc tttcggtctc tgcggttga cttagctcag        480
tttcacacac tttgcgagac atacgacttc ctcggggtgg atgtactang cggtcagacc       540
atcgacaaca tttttcgccga tcttagagcc tgtaaaaccg actacgagct tgattataag      600
cgttatcgag cttttaaagg ttgattagac cttggcggcg gacccaacgg ttccgacttt       660
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<210> 6583
<211> 744
<212> DNA

- 2335 -

<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(744)
<223> n = A,T,C or G

<400> 6583
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gtaacatgga agaccttcca tgatattccc gagtccaagc ttgtcggagg gtttctcgtc   120
ctcaccgtcg aggcatttgc agctggtcaa ggccactccg atagtgggaa tcataactcc   180
cgcaacgcct tgatcaagca ccattaccac gcctccggat ggccctctaa gcatccacga   240
cataaccacc cggtttacgg agaggttgag cagtgcaatt ggaacaagga gtgcgtagcg   300
caatgggacg ccaataccgc cgcatttgct gcgctttcgc cggaagaaca agaacatcag   360
atcgctctga aaagagcttt agacgccgaa gcaaacccgg tccaagacca gacggcctgg   420
attaaccctg accccgatcc agaatggcgg gaaccggagt ggcagccaga gtggcaatga   480
gacgtctat gatattgact ctatgctcca cgacactaag ggcatggctg actgacatca   540
agcataacgg tcattgtctg agcaacggcg tcttanggag gaacatgggt atatgacagt   600
ggattgagcc ctaggtaggc tagcaataat gcactggcgg taatcctatt cttcatggag   660
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attggggcac caaactacat ggtt   744

<210> 6584
<211> 674
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6584
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gcacatatgg gaatcaagac gacaatgcgc cagacacgct tctccttaaa cacaaaagga   180
acgcatatga gctcaatttc ccagcatacg ccattaatga tgggacgctc agcgttcgcg   240
agttgaggcg acgagctgcg gaagcgacag gcgctcccga cccaaagcgg gtcaagctac   300
tttacaaggg caagcttttg gacgacgatg aactgtcctg tcgggatgag ggactcaaac   360
aacagtcgga ggtgctttgc gtggtatcgg aagtgggaga aagcacccct agcgaggggt   420
ccgacgcgga agataaggcc agcgactcgg cggctccgga tgatgcgccc cgcccgaaga   480
gggttcgcaa ccggaataag aacaagaaga acaagaataa gaaaaagaac aaagatggtg   540
ctgacactct cgggccgnca gccgatcaga aaccctctgc gtcccccagc agatcgacac   600
ttccagcgcc ggcttccaac ctcaaaggct caacacccca tttgagcaag cacaggcact   660
ttcagcgtac tttn   674

<210> 6585
<211> 371
<212> DNA
<213> Aspergillus oryzae

<400> 6585
gagacctaaa ggacgccgag atcaacctcg atgagttcct cggaaatgac gacggacact   60
tccagtgggg cggcgagaac ttctcccaca cggccgatga tgtccatttt gcgatcgaag   120
gagacgacga agtgccagtt ctacgtgcag tcctgctcaa tggcgaggga gagccgttg   180
agagcaatgt aaatctttct gagcgaatca acaatgacga cggtgccttt gtcttcgcgt   240
gatgtctgtc taatgagttg aataacgata catgtacact ggagggaggt agttcaattg   300
acgattctca agccatcctc tgtggaaacg atatctagtg agataataaa gcatgccatt   360
aaggcctgac g   371

<210> 6586
<211> 707
<212> DNA
<213> Aspergillus oryzae

<400> 6586
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tgccttcctt tgactccacc tgcgcaacaa aggaataggc ctcttgtcac agccttgctc   120
tcctttcact ggtttttttt ttggctccca aacagtggtc ctattcgaca cataagggga   180
tcggtgagcg aatcaagtat atcagttcaa ttatgatgac agaaaaacac tgctgcttat   240
caaggatgac atgaaacacg gcaatgtgct tcccatattt ctaggggacc agggtatata   300
tgcccacgag tctcacctaa aacggccgat cgagtgtatc tgtaccgcgt ctgaaaatgg   360
ctgaaacatg gatggctctt ccgctcttta accgtcaaaa ttctccagaa tcatcgcgtg   420
atgttctgtc gatggcgagc cccgggctgc tacctataga tccttctcca gaacacgacg   480
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ccgcggattt gaatcctgca agggtgggtc cgaccactca cttacctgac ttgacggata   600
gggccgaccc ggagccccga tggatgcaga tcagcgacct ttgaattgta agacccgggg   660
ctgggacatg cccgtttcct gggtgccaat cgacactgcg ggtaacc   707

<210> 6587
<211> 623
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 6587
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cctcgacaat gcttggcctt gaccatctct aattcaacgg gcataaaacg gagattacgg   120
catatataac cataggaaac atgccatgtc atggttttta attcactcat tcctcatcgt   180
cctcatcttc ctcgtcatcg tcatcgtcat cttcggcttc ggatacttcc tgtccaaggc   240
ctttcaggcg ttcctggcct tcgtccctct aagcctccaa gtttccgaac ccattcagga   300
ggccctcaan tccgaatggg gcctgacttc gcgcgctttt tctctctttt aaccctgaga   360
ttaaagcttt ccaaactctt cgcgaatcat ataaatctct ggggggattt gtgcacaac   420
aaatgctttc ccctgtcctt tgagagtttt ttggccgaga ccttgggtta acattagcct   480
gtccaacact ctctggtgca cctgaaattc tggtttgggg ggagtatcga aacccctctt   540
ttttccttga cgctaaacag ggcttttca acgattttg ccaaaatcct tgcttcgaaa   600
attggcgacc tggctgaaca gcc   623

<210> 6588
<211> 693
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(693)
<223> n = A,T,C or G

<400> 6588
ttgacaaagc tccagtctga gatgagcatg ctagaaagca gtcctacaaa tccatccgac   60
gccgcagcga tccatcacct actcttagaa gtcaatgcag tttctggcaa ctctcctggg   120
cccgtgacgc ttgctgtgaa tttgtgctct caatcggaga ccggtggcct caaccctctg   180
tccgaaacat acatcttaga catccatcg ccggagaaat ttgcaagcat ggggcagagc   240
agcaagctca agactctttt caccgaattg tgtgccacag atatcggcga tggatctgcg   300
aacgggccca agctatactt ggtcgtcgca gtccagcac cagagactgc ttcgacaggc   360
gccccgtctc aaccaagatc ttcggtttct agagagggat cctccgcttc caaaacatca   420

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acgggggcca atcaacaagg aaaaagcagc ttgaagaccc gccgcagcat gatgtggacg        480
tcgaaaccac gtggcattcc aagcgctgag cagggtaaag agaattccaa aggcccgcct        540
gaatctgcgg agagcacgtn cagcaacagc aaagaaccag ccaatagcca gcccgcaaag        600
gaaaccactc agatccgcac aataggcgtg ggtatcttag aaatatcaca gatcngtggc        660
caagacagga tacttgacaa gtataaacat ctg                                     693
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<210> 6589
<211> 699
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

<400> 6589
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catccttttt tattttatgt tttctttccc ctttctgaat cagcgacacc cgtgaaaaag        120
aatcgaatta ctctcagtca agtgaacggc tttataaagg aactaaagta gggtagcgag        180
ggggagagg tgtattatat acaaaagggg aagaagggcg ggagagcaaa ggatgatcac        240
agaccgacgg cgccaccata aaagccataa aagacagacg gttcgcaata agcatacccg        300
ttggagacac ttctgcagct gctaaagtga ggggagagaa tttcggtaac tttcccggca        360
gtggagccga gcctgtgcaa ctcccggtca agggagacga cgatctggag ccttcttcgg        420
ggctcgttgt gggtgttaca gccttctcat cgctcctgg gtgtggtaca ctttgcagcc        480
caattgggaa tttgaaagtt cgtctacctc gcggaacgtg atggtcacta cttgtctttg        540
ttcatttcgt cttctccaat gcagataaga ttcacaggga tgcaggaaga cagccaatcc        600
aactccactc ttcgggacga tcctggctgt ttatgcatga caacaccatc aagttatcaa        660
cactggccga ctatgactcg tttctttttg ttccgatcn                               699
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<210> 6590
<211> 877
<212> DNA
<213> Aspergillus oryzae

<400> 6590
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ctccagcagc agaatcagtc cgctcagcaa cagatcaagt ccttgaagca agaaaaccag         60
ctattggagg agcgtaacca ggcgcttgag ctccagctga atcctatga acacatgttc        120
cgatcgccca agaccgaaca gccaagtccc cagcctctta cccagttttc cgattcgagg        180
ccgcgcaaca tgttgcctgg cctacgtgtt ttctgcgacg agatcgctgt gaatggcacg        240
gaggcctccc gcttcgaccc gccacacacc gggtcttccc agtccttttc gcagagcttc        300
cttagccatt cacccccaat gaccgggcct tcgtccccgg tcttcacaca atcgactttt        360
tcggttcccg cgtcgcggcg ccagtccatt attccgtcac catgagctgg tggcagggca        420
tgttgcttct gcttggcctt gtaatgaatt tccttgtcct tgggcataga gctgtgattt        480
ggagccgatt ctgctgtttt gattgtgttt tgtggcatag cgtggcattg taccatttgg        540
ttttcgaacg ggactgatta ttgacaccgg gatgccttgg tgttctcatc agggtctgtc        600
ttcttgtttt cactggatcc tggcgaactg gagcaagtgg gttgtacatc aaaaactggg        660
tcgggaattg cgagttgcac ggatttt ctt ttctttctca tgttgaaata cataatttct        720
ttcctttggt catattggga tgggttgcct tcatcttctt ggctatcctg tggggattcg        780
gagtggaagg cgaatttt ct tatctctcta tgtatacata tatacggag attgcggatc        840
taggccatta tttacattgg gtgtatccat gttcagg                                 877
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<210> 6591
<211> 698
<212> DNA
<213> Aspergillus oryzae

<400> 6591
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cgaatcaatc tcagcaagcg ttgaaaaccc tgcgtcagaa gatgaagacc tttggagagg         60
aatatacatc gacacgcact cattttgacg ttgacacgct tcagtgggtg agcaaggccc        120
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tcttaagatc agactctctc accaaggaaa agtccgacat cttgaaggat tttatgctca      180
acaaggctgt tgcccaggag gtggcggatg ttttgaacat gcgtcttgcg accctggaca      240
attggcactg gccgcccgag ggtcttcctc aggaaatgcg tcgtcaactg aacggcaagt      300
accgggtctt ccaagatgag gatctgctgg acagtcttct gctccagtat ctcgggctcc      360
actgggcggt gactttccgg ctgcatttg tcaattttca gaagacctgg gcctggaaaa      420
gcctgcgcca gcctatctcg aagtcggagc gggcacggcg tcagcacttc ctcggtaggg      480
accacgcgcg gtgtatcaga tccgtgaacg aggagagacg cgatgtatat agaaccgagt      540
atttcatgac tcaattgcct cgctcgttaa ctgcaggtgg ctggggtac gatgatgata      600
ataacgaccc cgacgacatt ggaggagaga accggcagaa cgcccttgaa gacaaacact      660
cgcttcttca atctctgatt gccgagtcta ttctgcat                            698
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<210> 6592
<211> 413
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 6592
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gatatgcaga gcgtcatttc ctcccccgca taccacctcc agcgactccg agtgatntct      120
tttcctttgc gctgaatatg tnattttccc tatctcttta tatggaaggt acttgtgctc      180
ccgtcggggt cggtgtttta ctcntttctt cttttctt actttccatt tccttgttta      240
tcttcacttc ctccntttct ttnctttaa ctcttgtctt gtccgaatta tttacagagg      300
gaggaaacac aacggtctaa atctggtgtt ctccgttcgc gcttttaga aaatttccct      360
gagagtgaaa tgcccaccat atacgcagca acacgtccat gtctttgcac ttc           413
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<210> 6593
<211> 661
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 6593
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tccggtataa ggtcaatttc gaacagcttg ccgactttga agacgaggac gaattttatg       60
atgattgacg gtccagcgac ctcgcaggga gcgaggatga aaggccagaa gtccccaaaa      120
tgggtctttt gacggctcgc cctttgtggc atgaaggcag ccttcatggt gaacacatcg      180
cttcattagt agggaccatc atgctgcctg gaccgaactc cgtccagctg ctcaaagggt      240
catccaagct ccgtactatt cagatttatg ttacctatag ggtctaggtg gacacaaggt      300
gtactttgca aagggatggt ggatgtgata cgatgcagct acccacaaga aattgtcagc      360
cctgtggcat ttgagccagc gagttaggat tgatttattc cagaaaatta tgccttgttg      420
gtgttactgt ccaatttcgt tcattgttcc tacatgcgct ctttatacat cattggccga      480
gaaaaaaaaa atgataaaga aaggaagaaa aagcaaaaca gggagagaga ggaggggact      540
ctcatctggt cttttagaa aaaaaaaann nnnnnnnnn nnnnnnnnn nnnnnnnna      600
aaaaaaaaat ctctggggggg ggccaaaaat aatttaaagg gggccccct attttttttt      650
t                                                                    651
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<210> 6594
<211> 642
<212> DNA
<213> Aspergillus oryzae

<220>

- 2339 -

<221> misc_feature
<222> (1)...(642)
<223> n = A,T,C or G

<400> 6594
ctaacaccaa ccactcgtgg tgaccactct acccataaca tcctttattt tcctgcatct   60
cccttgaaa agggggtaaag aggaaaaaag aaaagaagaa gaagtaaaaa aagatatttt   120
ccaacacctc gaagaccgag gtgaatgtat ggtcaatgtt gtccatgcaa aaaagctctg   180
cttttgtgtt tactccgacg gaacttgaca gcagccaccg tcatcaaagc aactccaccc   240
gctcgggcag tttttcggaa aaccccgctc tcgccgactg tcccttcata gacgactctt   300
cggtctccca tcgtgccagt attagtaccg atggcctttc caatgagtct ctcgaatcct   360
gngacggcga cggtccgtct gccagctcac ctgttccgga actggaggtg aagatccacg   420
acgtgtcgca gacgctccac tcgactttgc cttccacaac aaccgccaca tttactttca   480
acatggttac atctcacgag tctgatgtct ccatggacca tgtgactccc aaaatcgaag   540
agttggacga agcagatgag ctgcagaata ttaaaccttt gggggtggaa ccgatggcca   600
atgcgaactc tgaggtcacg gatactcccg gaaaagttca cc   642

<210> 6595
<211> 662
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G

<400> 6595
tgccattttc cgggaaacat actgttgata tcctgggtgt tggggttttc gaggccggac   60
gcgccgttgc ggtgaccagc gtaccagaca tcgaaaccgt acttcttctc gccgtcgtgg   120
cgggccttga tatccttttc gaggttggtg ctgcagatat gtcagatcct gttgcgggaa   180
ttacggagta aagtgtctta cttcaggacc tcgccattct tgacatcctc agtcttctga   240
ccgaggaact cagtggcgga agtgcgcagc atcatccaat tctgcttgaa gataccgaag   300
ttggtggcat caccggtctt gccgtcacct gtttcctgtt agattatctg gcttatgaga   360
agcgattcag ctggatatgg tcttaccgta ngggtaggtg ctggggtcca tattgtcgct   420
ttaacgtttg cggatcagta taatttttga tgtctcattc aaaaagatca cagaatagaa   480
cctacttctc caacatggca atgggccagg tccatgggtg ttaccaccag cgctgacgat   540
ggcctgcttg cgctggccca ggcctggaac agagtaattt gccggggcgg gccttatcac   600
ggatgccaat ggcggcaccg anagccatgg gaaggagcan aaggttaggg aaagcttcat   660
tt   662

<210> 6596
<211> 583
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 6596
cgagggcgga tgagggctgg tcctgtactt tgggaaagtg ggggattatc gtggctgatg   60
gcgccttctg ttggttttac ccggatggag gcgaggcggg tactttttccg tctaggtgtg   120
acgcaggtct aaggtattgt ggttatatcg atacctggtc gcgcgattat catatgtatt   180
atacaaattg gtcaatggac gatgtcgctg acaattggg ctggggcaat atctggggat   240
tgagcggtag cgacgaatct gaatatatcc atcagataat ggagatttttc cccgcgtgggg   300
agccggaaca cggtatcggg tttagacatt gacatgtccc acaggacttc tactatagga   360
cctgngactt cccgcagtag acaggagtta ggactaatct ctagtcccaa aagcagaact   420
agaagagtca tagaactttt ataaaaatac tccgtcctat attaaataat taacaaaaag   480

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cactgaatta aaagctctaa atctagtnga aaanannaan nngnaanaag nnntttanna      540
aatanataaa aaaaaatttt ccgcggccgg gttttntntt tct                       583


<210> 6597
<211> 681
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

<400> 6597
cattagccat atgcatgcat agacagctta ccatttactt cgactggata tatttaaccg      60
actagctctt cattgacctc gtctcacaat ttagcgatgt gtttatattt tcgcgctcct     120
tggaatttt cggcgtatat atgatttacc gtttttcttgg gttgggtttg ggaatgaatc    180
tcacggaaag tgagaaacat attgcatcta tgtatactca aacttcttgc gtcttcttct    240
ttcatgattt tgtttatgag tttccgggga ggcatgatct tatttaacgc tggacgctgt     300
ttccagtctg aaaacagcaa aacggtccca cagaacgacc tttttgatga gcattgcatt     360
gattatggtt taggaaatat tgtttacttt tgttatattt tgcgtttggt tgcattgcga     420
gtgagctgaa ctgggctaag ggtggttatc ttgttacgat tattattctg atatgactga     480
tatgttctac gatgaaaaat gcctgttaat gttttatgtt gatgatgctt tctggacagt     540
tgggccacga catatgggtg gcccttttg catgcctttg ttctgtcttt ttatttcatt      600
tgtcaaatac ttctatacng gtcttctctc aaagggcctt tttttctgca catggcttta     660
ctggtgggcg gttgccccgg t                                                681


<210> 6598
<211> 794
<212> DNA
<213> Aspergillus oryzae

<400> 6598
cctcactggt tcctattttc tcgctccatt taattatctg gaatcccatc tgagaccctc      60
ccattgccta caaactcacc tgcgcaatcc tactacccga tcgcaacctt cccccgccaa     120
cgccctttat acatccggct attccacgct ccctgatca gtcactcgca acaatgagtc      180
gctacgtatc tcacggccgc ggaggcgcag gcaatatctt ctccggcgaa agccatacca     240
cgccgaaaga tctcgtcaca cccacgatca aacaagacat ttataccacc ggtcgcggcg     300
gctcaggaaa tatggtcgta aacgatcccc agcgcccaga gattgcgcgc gagagtcagg     360
acgtagaagc gccgccattg cgtgtcgagg aggctcccca tcacactgga cggggtggcg     420
ccgcaaatgc gtatattcca tcccccgaag aagagaagaa ggctcgtgag gaagaggagg     480
aacaattgcg ccgaattcgc actgcgtcta gagaccgact gaaggatgcc gagcgtgctg     540
ccgaaaagcg cagcgagtca tcgtcgagtt gagaaactgt attttcaaat ggcacatctc     600
gagtcgcatc tttttgtctg gagtggtatc ctgttttctc agttcagcct tcgttagttt     660
tatcggtggg acattgaact gactttcgcg aatgcatcga tcgtgacatg ttacgagcgg     720
agcgctgctg gcagtgcatg atcttggctc gtggcttcga gagaagtgtc gccgatgaat     780
attttttgtg ccgg                                                       794


<210> 6599
<211> 702
<212> DNA
<213> Aspergillus oryzae

<400> 6599
ggcatttcgt cactactttg taacgtaact caattctatt gatacataaa aatcacatat      60
caactatggc tgctctctt atccgtacct ctgcccgtac cgctcttcgc gctggagctt     120
cggctactcc taaagctgcg ggtgttgcgg gtttgacctt tgcccgtggc aaggccactc    180
tgcctgacct ggcttatgac tatggcgccc ttgagccctc tatctccgga aagatcatgg    240
agcttcacca caagaaccac caccagacct atgtcaacag ctacaacacc gccatcgaac     300
agctccagga ggccgtcgcc aaggaggaca tcaccactca gatcaacctc aagcccctga     360
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tcaacttcca cggtggtggc cacatcaacc acactctttt ctgggagaac cttgcccta     420
agagccaggg cggtggtgag cccccatctg gagctttggc caaggccatc gacgaaagct     480
tcggcagctt gggagagttc cagagcaaga tgaacgccgc cctcgctggt attcatggaa     540
gcggatgggc ttggctcgtc aaggacaagc agaccggaaa catcgggatc aagacctatg     600
ccaaccaggt accctgtctt tggtcaggtt cagcctcttc tctgtgaatg atgcttggga     660
gcacgcctac taccttcaat accagaaccg caaagctgag ta                        702


<210> 6600
<211> 1257
<212> DNA
<213> Aspergillus oryzae

<400> 6600
ctttctctca ccagagttaa taataacttg acatacagaa tacaccatgg ccacagatcg      60
tttgaactct attctcagcc acctcaaggg aggaaacact ggccttgccg ccatcaccca     120
gaagaaccca gacgatgtag tcattacgct cgctctgcgt actctctgg ccaaggccgt      180
taagggtgga ttcaaggaca cacagttgga ttacatcgta tactccttgt tgaaggaggt     240
tatcgacaag tctaagattg accctgcttt ggtcgaggat gtctgcttgg gtaatgtcaa     300
cgacggcaag gcccctatc tcctccgtgc cgcctccctt gcggccggca tccccaacac     360
atccggcgca tcgtccgtca accgattctg ttcctccggt ctcaaggctg ttcaggacat     420
cgccaaccag attacattgg gtcagatcga tgtcggtatc gcccttggtg ctgagttgat     480
gtcagccggc ggtgatgcag tccaaccttt cagcgaagaa gtcctgatga accaggagtc     540
tgccgactgc ctgcagccca tgggtcagac attcgagaac gtcggctcgg acttaaacat     600
cagccgtgag gttcaggaca agtatgccgc cgagtcgtac cgccgcgctg aggaggccca     660
gaaggctggg tggttcgatg atgagatcgt ccccatcacc accaaggtga aggaccccaa     720
gaccggcgag gtcaagcagg ttactttgac caaggatgaa ggtatccgtt atggaacgac     780
ggccgagtct ctcggcaaga tccgaccggc tttccccaag ttcggtaacc ggagcactgg     840
tggcaactcc agccaggtga ctgacggcgc tgccgctgtc ctcctcatgc gtcgctctag     900
ggctatcgaa cttaaccagc ctatcctggc taagttctgt ggtgccaccg ttgctggcgt     960
tcccctcgc atcatgggta tcggccctac cgctgccatc cccaagctcc tctccaagtt    1020
caacttgaac aaggatgaca tcgatatcta cgagatcaac gaggccttcg cttccatggc    1080
cgtctactgt ttgcagaacc ttggcttgga ccatgccaag gtcaaccccc gcggcggtgc    1140
cattgcactc ggccatccct ggggcgccac gggtgctcgc cagatctgca caattctgag    1200
cgaggcaaga cggacgaaga agaggtgctg gtcacgagta tgtgcattgg taccgga       1257


<210> 6601
<211> 689
<212> DNA
<213> Aspergillus oryzae

<400> 6601
cagcatgtgg acagcattgg ccatggcacc cacgtttccg gcaccattgc tggcaagact      60
tatggtatcg ccaagaaggc cagcatcctt tcggtcaaag ttttccaggg tgaatcgagc     120
agcacttccg tcattcttga cggcttcaac tgggctgcca cgacattgt tagcaagaag      180
cgtaccagca aggctgcaat caacatgagc ttgggcggtg gctactctaa ggctttcaac     240
gatgcggtcg agaacgcatt cgagcagggt gttctctcgg ttgtcgctgc cggtaacgag     300
aactctgatg ccggccaaac cagccctgcc tctgcccctg atgccatcac tgttgccgct     360
atccagaaga gcaacaaccg cgccagtttc tccaactttg caaggtcgt tgacgtcttc      420
gctcccggtc aagatatcct ttctgcctgg attggctctt cctctgccac caacaccatc     480
tctggtacct ccatggctac tccccacatt gtcggcctgt ccctctacct cgctgccctt     540
gagaacctcg atggcccgc tgccgtgacc aagcgcatca aggagttggc caccaaggac     600
gtcgtcaagg atgttaaggg cagccctaac ctgcttgcct acaacggtaa cgcttaagta     660
cgaggagtac gtcgcaggat tctaccatt                                       689


<210> 6602
<211> 688
<212> DNA
<213> Aspergillus oryzae

<220>
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- 2342 -

<221> misc_feature
<222> (1)...(688)
<223> n = A,T,C or G

<400> 6602
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tgccccagag ccctcgactg agctgggtcg ctaccgcgtc ctctcttcga ctgccggcat      120
ccgcgtttcg ccactgcaac tgggtgctat gtctattggg gattcatggt ctcactttat      180
gggatctatg gacaaggaat cttctttcaa actgctggat gcctttgtcg aagctggagg      240
caattttatc gacactgcca acaactacca aaatgagcaa tcagaagcct ggataggcga      300
atggatgact tcccggaaga atcgtgatca acttgtcatt gcgaccaagt ttactacgga      360
ctacaagtct catgcactan gaaagggaaa cgcacctaac cactgcggtg accaccgccg      420
cagtctacac atgagcgtgc gcgactctct gcgtaagctc caaactgact ggatcgatat      480
tctgtacctt cactggtggg atcataccac ctctatcgag gaaatcatgg acagccttca      540
cattttggtg gaacagggca aagtgctcta cctaggaatc tcagattccc ctgcgtgggt      600
tgtgagtgcc gccaacacct atgctcgagc tcatggcaag acgcccttca gtatctacca      660
gggcccggtg gaatgtgatg cttcgtga                                         688
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<210> 6603
<211> 1048
<212> DNA
<213> Aspergillus oryzae

<400> 6603
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actccccgat ccctcacctt ccaccacctc tctacccttc ccttaactac tcttccttca       60
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agctgcattc ttcgctggtt gatcgaggag ggctacgagg ttgtctgctt cctcggcaat      180
gtcggccagg aggaagactg ggccgctgtt gaggagaagg ccctcaagat cggtgccaag      240
aagatggtga ttgaggatct gcgccgggag ttcgtcgagg agctctgctt ccctgccatc      300
cagtgcaatg ccatctatga gggtcgctac ctcctgggaa ccagcttggc tcgtcccgtt      360
atcgcccgcg cccagatgcg tgtcgctcag cgtgaaggct gccagtttgt cagccacggt      420
gctaccggca agggtaacga ccaggtccgt ttcgaactgg ctttctatgc catccagccc      480
tccatcaaga tcatcgcccc ttggcgtgat cccaagttct tcaagcgttt cgctggccgt      540
aacgatctcc tcgactatgc cgcccagacc ggcatccctg ttacctccac taaggccaag      600
ccctggtcca tggacgccaa ctccgcccac tgcagttacg aggccggtgt tctggaggac      660
cccaaccaca cccctcccgc tgacatgtgg accatgaccg ccgaccctct gaacgcccct      720
aacgagcctg ccgacatcac catccagttc gagcagggta tccccactaa gctcgtcact      780
cccgagaaga catacaccga ctccgttgag ctcttcaacg ctctcaacaa gctcggctac      840
acccacggtg ttggccgtat tgatattgtc gagaaccgct tcatcggtct caagagccgt      900
ggctgctatg actcccctgc tatgaccatc ctccgcgccg cccatttcga cctcgaaggt      960
ctcgtcctgg acggccaggt ccgctctctc cgtgatcagt tcgtcaccca caactgggcc     1020
atcctcctct acaatggcta ctactttg                                        1048
```

<210> 6604
<211> 637
<212> DNA
<213> Aspergillus oryzae

<400> 6604
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gccaagaacg ccgtctggtt atgtgggagg acattgcgct gtccgcggat aatgcacatg       60
atgtgccaa gaacattgta atgcagagct ggaacaatgg tctagagtac atctcaaact      120
tgaccgctag aggctacgac gtcatcgtgt cttcctctga ctttctgtac ctggactgtg      180
gtcatggagg ctttgtcacc aacgatccgc ggtacaatgt gatggctaac ccagatgcga      240
atacccctaa cttcaactat gggggcaatg gaggatcgtg gtgcgcccct tacaaaacct      300
ggcaacgtat ctacgactac gacttcactc tcaacctcac tgagacgcaa gctaagcata      360
tcattggcgc aaccgctcct ctttggggcg agcaagttga tgatatcaac gtctctagca      420
tgttctggcc tcgtgctgca gctctggcag agctagtctg gtccggaaac ggcacgcta      480
atggcaacaa gcgcaccacg gagatgacac agcgtatcct caacttccgt gaatacctcg      540
ttgcgaatgg tgttcaggct caagctctgg ttccgaagta ctgcttgcaa catcctcatg      600
cttgcgatct ctaccgtaac caaaccgcaa ttcaata                              637
```

<210> 6605
<211> 1512
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1512)
<223> n = A,T,C or G

<400> 6605
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cgagggaagg cgcgagtcaa caaggatgat gtctttgcca gtctcagccg gatgtatgag      60
agatgtcaag gcggctgggc atgcactgct atgctagctg gctttggtct cgtcggcttc     120
cgtgactcct atggcatccg tcccttggtt cttggttcca ggccttccgc cgaaggcgaa     180
ggcacggact acatgatggc ctctgagtct gttgctctgc atcagcttgg gttcactaac     240
atccgtgaca tccaacctgg tgaagcagtc atcatagaaa agggcggcga gcctgtgttc     300
cgccaggtcg ccccgaagaa ggcatatgct cctgatatct ttgagtatgt ctacttcgcg     360
cgtcctgatt ccgttatcga tggcatcagt gtgtaccgta gtcgtcaacg gatgggtgat     420
cgccttgcct ctaggattct cgatgtcctt ggaccggaag tggtcaagga cattgatgtc     480
gtcatccta tccctgagac ttccacgacg tccgcagcgg gcgncgctcg gtatcttaca     540
ttccgtactg gcaaggttcg taaagaaccg ctacgttttt cggacattca tcatgcctga     600
gcagaaaacc cgacagaagg gtgttcgccg caagctgaat gctatgcaag cagaattcaa     660
ggaccgaaat gtcctcctgg ttgacgacag catcgtgcga ggaaccacta gtcgggaaat     720
tgtgaccatg gcgagggaag ctggcgctaa gaaggtttac ttcgccagtt gcgcaccgga     780
aatcacacat gctcatatct atggtatcga tctggcgtcg cctaacgagc tggtcgcgca     840
taaccgcgac cccgagcaga tcgccaagca cattggtgcc gacagcgtca tattccagac     900
cttgtctgac ctgaaaggtg cttgtgcgga gattgcccaa gagaatgggc tggctgaacc     960
gcagaacttc gaggtcggag tcttctgtgg tgactacgtc actcctgttt ccgatgggta    1020
cttcgatcat ctggaaaaga tcagaggcga aggccgcaag atcaaggctt tagatcgggc    1080
taaggaagcc gtcactcatg gcttcgctag tgaaaaggat ttccagattg ctgccaacgg    1140
tgtcaaattg gatgccagcg gcaacatcat tccagcgtcg accccagggg agtctgaagt    1200
gccacaggtc agcatctgca gcactcgcaa acctgaggag agcgaagagc atcccaaggt    1260
caaagaccgg atggacatta gcatccacaa catgggcgat cacccatgat cactgatgag    1320
tttatggacg gtatatttat gtcagctgga gtcctggagt tggtaggcgg tggataaaga    1380
gaacggaagg ctatctgctt ggtgatggtt atcgcattgc aatagcaaag ggatccagat    1440
accctttttg tatgcacgac atgacctata gactttattt ttatgaccaa caaagtttgc    1500
ttttggcatt gg                                                        1512
```

<210> 6606
<211> 674
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6606
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ccgtgcatg cgccgttatt aatgcccaag atggaagtag gaggggaggg ctcctcggca     180
gacgagcgac ggggctttct ctcgggcttg tcgcatgcga ctcttgttga actactggtc     240
actctgtcag accaacaccc ggcgataccc atgtttccta aaaacttaaa gactttacag     300
tcgaagttct cgttcaagcc gaacaatgcg gcgattccta ctccaacctc aacctcctcg     360
aataccccaa ctttcactaa ctcgataacc cacgcttaa ctaatggtgt agacgcggcc     420
cagcaaaagt caggtgttac tcctgacttn ctgcctactc cctcttccgc tccccaaacg     480
cagcacgacc tgtcggaaga gtctgactat gaattctcag agcatcgtct gtacccgcgt     540
gccgggaacg gattccgttt gtcgacgaat gcggacgaca ttgacatcat gtttgaagac     600
```

```
gtctcatgtc gcacgttcag ctacgcatta cacggaccgg cacgggttcg agcgcaggcg      660
aacgaagtcg cacc                                                         674


<210> 6607
<211> 1074
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1074)
<223> n = A,T,C or G

<400> 6607
cgtgctgcat tgctgagcaa tggtggaaac actgtagctt cgggtaaaag agctgatacg       60
ggtgcataca atgtccttgg caaagttacg agctctgtgg cgggtgtggt tggcgcaaaa      120
ggagtggtag gttctgggtt tgattccgta aagcgtgctg taggcaagtc tggccttatg      180
ggaggcatat taagccgtt cggagagttc gacttgatgg acgagctccg agatcagtgg      240
actcatgaat ccaaggatct ggagcgaacg tacctcattc gcactctaca gggtattgca      300
catcaaaagt ttcttcgtat gacgttcctt tccggatctg tcaatgtgtg cggcgcaggc      360
ttggtccacg atccagccca tccctctgac tacaagacca tgtatcanat catttcgtcc      420
gctgtcgtga caatccccc gccttcatat gttatcaagc ttcttcacag cagtaacaaa      480
ccgctctacg ttccagcaaa tgggcagcgc tcctctcctt cgcagcctac tgatacgaag      540
gaggacatga tggagatatt ccaaacagac gtcacggggc aggctcgcga acaccgtaag      600
ctgatgggtc gccggaatta cgctgccatt gtagcctatg atcctgaaac ggtcaatgcg      660
atgtatggcc aagcacccgt ggtccatgga ggcaggctga atcttgccgt ggattttatg      720
gtccagggtg acggatccta tggaacggtt gtcaaatatg ggccggtcat tatcccaagc      780
ttaggacatg ggaaatgaaa acaaggacct tctcctttca gtctcacttt gccctattct      840
tccttcgggt ctgcatccct ttatgcttac tggacatgat tatgacatat cttactagtc      900
accatcgttt acccttgaaa ctctcagatg tatatctcac gtatccacat aatggttcaa      960
gttcgaattc tgcgttttta atggctcgcc ctatgaatac ccagtcttta caacgtcaca     1020
ctgtctgcat tttcttatct catcaattcg ctcgctggtc cgatcaaaac acat           1074


<210> 6608
<211> 697
<212> DNA
<213> Aspergillus oryzae

<400> 6608
tcaatgtgaa tcttgctcaa gggcctctag tttctctacc aatcaagccg caatgcctcc       60
gaaacgaaag agctccggtg atggacatga tcaagacgac acgcgcagga agcgatttgc      120
ttatctgaag ccccaagttc gtcgggttgc tgaaagaacg atcaaatcta aatggtccac      180
gctaccagag ccaatgcaag aaaaagttcg cgatatgttt cgagctctcg agcgcccggt      240
catagtcgc cagcagagtg agcgaaagcg cattgaagcg caggcggccg ttcaggccgt      300
agtgaagaat ctcggaaagc gcctccctag aatgccattc ccacccgtaa cgaaggattc      360
ggttttcgag tacgaggctg cactgaaaga acactgctcc ctggaggcga gcttggctac      420
cgtcacggac agcactgatc ttttgaaagc cgaaatcgaa aaagaagagg cattacttgc      480
gaaggaaacg aagcaactgc aggaaatgga gaagaatgct aagcgggcgg aagctgaacg      540
gaagaggcag ctgaaaaatg aacaccccgt acttcgacag ctcagcgttc ctggacaaca      600
gagtcaggat catactcaat tcacactcgc tggcgcaaac gatttgcaaa ctacgtttga      660
tgagctcgaa aacgaccrg aggtcgtgga cttgtta                               697


<210> 6609
<211> 654
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(654)
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- 2345 -

<223> n = A,T,C or G

<400> 6609

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ctcaagcccc cgttagcctc cgctatgaga ggcggcaacc gtccccgaaa aggccatcga        60
cgacagaact gtgtccggat agcgatccag ccacctatta cttttggagg aactatgttt       120
gctccaatgg ttgaggagcc ggaagagcta gatgagtttg acaggcacgc atcacaggtg       180
tccgatttat cggcttccaa tatctcgtct ttgcgctcaa gtgtgtccgg tttctcgatg       240
agccggaccg gttctgacca gcaggggat gtatcacgca tcacagagat ctctagtgac        300
agtcgtccac catcctaccg caactcgacc tacttggctt catcgaagaa gcggaagcat       360
agtcgagatg attcgataga tagtgtacta agcacgctga acactggcat ggacaaaacc       420
ctccctgaga ttatcactac actgccccct agtctaggag atagcctgac agaaactcct       480
tcccccgaca agcctaatcc agtttggatg gctcctaagt acagcggttc gccaacaacc       540
tgtgataacg ccccgagtcc aggtaatcct cgccggtccg ccgtcaaggg accacgcagn       600
caacccagca gaccacgccg caatagcggc agatcacatt tactcgaaaa cggg            654
```

<210> 6610
<211> 673
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 6610

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catacttact agtaggtggt agtactagta gtagggctga catgtctgtc ttcttttttgg       60
cctcttcttt tcttccggag ctagctgggt cggtctatgt tcttggggtg ggctgagtgg       120
gcgttattct acgagctgaa aagcgtgcaa cggtgtacct tgctctctga gtctacgatg       180
cttgcgtcga agaaaatgtg attctggctg tgatggatgg aatttggact gttggctata       240
tttgagcatt ctatctgggg tactatacct gggtagcttg gatgccttga tacctcgcga       300
tgtgtgatat ttcgaccata aacagatcat gcgggtatat ctgtttgaaa cgtgacatgc       360
tcgtcccgct cattgaccaa tgcctacaac cccttctgta ctagctcctc catacagatc       420
ttactcgtga tcatagactg nggcttaaat gaccctatcc tgcagcgtca tcagtctatc       480
catgagatac gcggatgagc aaacatggca atactgccga catacctgaa gcgaaggcat       540
caataacagc ctcaagatct tcaccatcgg atatcgacga cccggtgata tgcttcatcg       600
acccaaccag cttccacgca tcaatcaccg gcttctactc ccacagtgac actaccgtca       660
ccgtgccccg agc                                                         673
```

<210> 6611
<211> 658
<212> DNA
<213> Aspergillus oryzae

<400> 6611

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ccgtcttctg ggtcgcgttt ccatcatcat tccttgttac ctcctgcatc atagacgtta       60
tctgggagcc aaaaaaaaaa agtatcacag ccatcatgtc aacatttgcc tttgccaact       120
ctagcgaaaa ggtccctggt aatgggaccc ttcctgccga attcataata aaagcctctc       180
caggaacgga cgtatggtca aaacctccat ccacggagag attcaacgct ccgatcctat       240
accagagcgt cccgctcaac tcattcaagc gggctagagt tgccttcaat gccttttgga       300
aagacaaata cgaccaaggt ggactaccc ttgttttgaa tagcgcaaat ggtcctcgga        360
gatgggtcaa gacgggtatt gagctcactc atggtagacc ccattgagc accgttacga        420
aggatagatt tgcggactgg agttaccac ggtccctcag gtggtggacc accacgctag        480
aatcgcagag agcaaacaac ttctgggatc aattattgaa gtggcaaaag atacctagt        540
gaggaccttg ttttttaagg acaggagtcc aaatcttggg ggggactatc ccgcgaagac       600
cctatcaggg ggaagatatt gtgtaaaaat taggctatat ttatgtgctg ggtcgacg        658
```

<210> 6612
<211> 415
<212> DNA
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- 2346 -

<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

<400> 6612
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ggatgctctg agagacttga aactgtgagt tttccttgcc accaagagcg tcctagtagg   60
atgctcaaaa accctgtagg tgaaggaaat cgcagccgac ctcctggctg aggccaagtc   120
catagcagtg aaggctccct caccaaccga gcctggtagt ccagcatcac ctggaggttc   180
tcagcctaga gttccccaga gactgcagcg ggccaagatt gcagatgcaa tgaaaatggt   240
ggaacgagag tctgctgtta ttgaagcgat ttcgtcacgt ttggagcgat tgaatgcaag   300
tatatgaaag agcatgaaag agcatgaata cgtagtactt gaagttcata gttgataata   360
cctnctgcaa ctaagatgcg atcatgaaaa anaaaannna aaaaaaaaaa ttcct   415
```

<210> 6613
<211> 630
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 6613
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cattccttct tcttttagg actatctcct ggtgagagac attgtgtcct aggcgcggtc   60
aattacacgc ccgcccatcg tcacaatgag gccgattaca gcattcaccg cgctctgtgg   120
gtttctcctg tcaagcagca gcttagtatg cgccgaatcc tcggcgggga cccattcctc   180
ctttcagcct ccccagacat tcaaaaatgt aaaatttgtc cggaatacca aacttggaga   240
aaggtatgct cgggagactg tcaacgtggt ggtggaagaa gtgggataaa aaaccgcaaa   300
cacctactac ctaacccttc caatcggagg tattcaacaa ggccgaagaa tggaggtgan   360
aaaccaaaaa ggncccggaa aaggggcctt ccatgtaaat gattggctgc caatccgcca   420
atggcaccaa tacctttgca atgaccttcc gaaactcttg ccccaaaatg caaggtacct   480
taagaatttc ttactaactt cttttcttcc ttgaaccggg ttctctgcgg ttataaacaa   540
gctgtgtaac cagtacttaa ttactcgttt tcttggctaa tatcactcaa gcctacccaa   600
ctgtgaccca caagaacaaa attgaacctn   630
```

<210> 6614
<211> 663
<212> DNA
<213> Aspergillus oryzae

<400> 6614
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cgcaagttcc cttatgtccc ggtccttatc ggctgcatac ctgatggact tattggttga   60
cgccgttctt cccgccttga tggatcaagc cgctctggaa gcccagcgca actatgttgg   120
aacgtaccgt tcctccaatg ccggactaaa ctcgtccttg actttggcct tgagtccgcc   180
gacgcggccc tcacccggtc tggtagtcac ctcctgtatc agcaacggca ccgatatcat   240
gccatatttg gcgttatttc tcgggggcaa ggacacgaga ctggtaccta ccattttttgc   300
cgttgggacc actgaaaagg tggctgtccg acttacacc ccgacgacgg aaacagcatt   360
tggatcgcg caaagactcg tatcgcgact gttcgatgtc aacgacctgt atctactcga   420
tagtacacta tacaggaggt gagagtctgt cactgctttg tgtgagacgt taaccaggat   480
tggcgggct actgaaagtg actgacccat gcttcggggt cacactggac agaacagtga   540
tgcatgtcat tttagtaact cctatttatg tgtactcgcg ttttaatatt tttccgaatg   600
ggttctgcca cgtcaaaagg gtggtcggga tgtttctaaa ctatgtgaac gagtttttata   660
ctg   663
```

<210> 6615
<211> 672
```

<212> DNA
<213> Aspergillus oryzae

<400> 6615
cggacaacca ccgatttcac tcaccacaga ccaccccacc agacagcctg acagtcatcg   60
gcttgccccc ctttaactat cacccgacca ctccttatct tccctcccta ccttagtgtc   120
ttgtcattca ccgtctgagg gggaaattag attcactgct gtgggctggc gtcatcattc   180
aatcttacgt cctttgccgt gggttacaag ttccccactt cttctcagcc agacgatccc   240
actgctacct tgaagacttc ttgcgtactt tcctatcgag cttatctcaa ctaccactaa   300
acttagaagg acagaagagt ccaacaaatc ttgttgatcc atcggctccc gacactgttt   360
cgaaccttta aacttgagtc tttcctaaat cacgctgtcg ttgaagttac ggccaggtcg   420
ggttcccctt gcaaaagaag accaatccca ggcaaggcgg ggaactcgag aagaagacat   480
cattcattga tcttgttcta ctcccttctg ccacatctga tcttcataat agaccaaatc   540
cgattaccca cctttgtctt gtcacgctca cattccagga cggataccta gctgccggaa   600
gtgggaaaga ggagcttgag cagatcataa tgggtctcgc gtataacgtc tacctcactt   660
ccaataagat ct   672

<210> 6616
<211> 667
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 6616
ttaaggaaga aaatgaacag agaacgcgct attaataaca atcaagtggc cacacagtgg   60
ggaatctaaa cgtcgtaagc tcgtaacggt ctaagcacgc cagagacggt ggagaagatg   120
ccaaagaaca ataggcatac gacatcaacg gagcagggat gcagacagga gaattaaggg   180
ctaagagtcg cgatgagtgc tttggttttc tgttgagcta tgctcttcgc ggtgggggtt   240
cgtaggtgtt gtaggtgtgt tattcacagg gctggcgagc tcgatttgaa ttgtaggcag   300
aggagtgagc tctcgcaact gtggcggatg gctacctcgc tctgcggtcg gactttcgta   360
cggaggcgcc tctccccagt ccaactgttc atagtccgga gggggatat gaagagcccc   420
cagatcacct tccccagaac tcggaatcat ggagtgagtg gaagcagcgt gtgatttgga   480
ccggggtcaa gctatcttgt tccgataccc cagtgtctgc ggtatgagca gacgagtacg   540
attcgcctcg tgaatgaaca ttcgtcagac tcgacgtgga tgaacgattg ggcgttttcc   600
gtgctcatcg tatcgacatt cgacaggaat gggcgagaat ccgtatccgg ttcatcaagc   660
gaagcan   667

<210> 6617
<211> 675
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 6617
ccagcagctt ttacatttct tgaaccaacg aatactcaat atggccggaa atctagatgt   60
cttacgggct gagaatgttt tggatcttgc tcagaaggct ctacaggag acggaagtgt   120
cgagtacagt ctcaagactc cttacgaagc ggttgctctc atcggccatg catgtatgct   180
ggctgtgaac ttcggccttg tgggccttgg tgaagaacac acgataggtt tgtacttttt   240
agattattct tgtgctgtta tttttcttgt tttctctgct ccttgctaat atttaaaccg   300
ccagaaggtt cgtctgagaa cccaactctt ccgccaggat ggaatgcgaa cgataccgtc   360
tccttccgtt acgctcattc gcagtcttcg atgcagtatc tgctcaaagt cagccgtata   420
ggaaacaatg cccttatttt cgccctagca ctaggtgatg acaaaaccac ttcctttgac   480

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attccagtca aagacttcat ttctgcgtcc gctntgcctg cttcatcatc atcccagtca        540
aacgccaccc tcagtgaagt tttcatatct acaccacgat taaacgattt gatcgggcta        600
ttcaagataa acgtgatcca aaagctcgcc cctgggatat acaaggaagg atatgatgcc        660
acgagccagt cagta                                                          675


<210> 6618
<211> 659
<212> DNA
<213> Aspergillus oryzae


<400> 6618
gtgtagatcc agaaggctac gagcccgaag gacatgctgg aacttcttcc cccgaccatt         60
ccgggtactt gctgtcaact tcttctcggc caatgccgga atctcgtggt aatggactgc        120
ggagagattt ctgaacatcg tgtcagcact gttccagaag ccgatgagga aatggaactc        180
caacgaccgt ggaaggttct tgagccggac ccggacaaac gaccaacagg acagggctgg        240
accctcctcg gcctccacac cacctcgggc acccatggcc tctggcgctc tcagtaatga        300
aacgtccccg aagacaaatg agaagtccaa gaagcacaag tcaagcagct cctcgttctt        360
tcacaagatt tcgcgtttgg tctaaaacca cggtttcttc catggagac aatatccgcn        420
ttagcatcca gccaggccgc aaggagccgc cgtctttcga tgctttcgcg ttcagggtcc        480
gatatccagg ggacgtacaa gggcgctgac tggtacgatc cgcaaggcga tgacagactg        540
cggtcgacct aacactctgg atgatcaaca gcagggagaa cgggccccc tcgcctttgg        600
ttccttcaaa ggttttccga agctcggaat tacaggagct cacggaggca gtctgggtt        659


<210> 6619
<211> 662
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G


<400> 6619
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gtgcctgaca agtatcaaca attgcgactt cgtttggaga tcgagcaagg gaggctcctt        180
agttgggggcc atagctttgg attattgcag gaagaatcgg agaaggagga tacatcgagg        240
atttcgatcc ccgaacaggt ccggtatatg gttcagggat acattgagcc gctgtggcaa        300
aaggtcctgc atttcacggc agagaccccg ggcttcgttc ccagggacaa gagagaagaa        360
acaccgagcg tgcatcatgg aggcatggcg cgacggtttc ggctggaccg catgtatgcg        420
aaggccaggc aggaactat taaattcaaa gaccgtgtca attgggctta ttggcagatg        480
gacaagttgg aagatttggt ggaatgtatg agacatgtca atggtagtgt catcgccctg        540
gccgaggtga aaacgcagca ggagatccag gaaaccgtta aagcgacgct gatgggcctg        600
ctcagtctac aagacactgn taatggacta aaggagctaa ttgtggctgt cgaggagaag        660
cg                                                                        662


<210> 6620
<211> 672
<212> DNA
<213> Aspergillus oryzae


<400> 6620
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gatggtgttg gtgctcgtga taacctctcc gtagacgatg ctggagccga actccctcgc        120
acgctcctc atttgcgatt ggtattgtcg gaggttagag tagaacgcgt ggtggttgaa        180
ataggggtc atctttgaca aaggtacgtc ttgtgaatc actagtgtt ttacaatggc        240
attgtaatcg acgatgccct cttcagcctt acccgagtcc tctttcgaat cgtccggaag        300
ggcctcttga agcgattcca tattccaagc ctcaggcttc tcgatgcgga acgtgtcatt        360
ctcgtccttg agatactgat gctctccatc agtagtgatg agttcctgta atgatgagag        420
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gatcgaagaa gtatccgccg ggtctagaga agagatatgc agcgaagaga gcgaaggcac   480
ggtcgtcgtg ttctgcgtga cttgcagtcc caacttagtc aaacaggcct tcaaaaagtc   540
cgtccgggcc ctgtcatccg cagcttaagc gtctaccatt ttgccgtatt ccgggccacc   600
ggcgctttta tcgaggttca cggcagcgga tctgacacat taacctctgt tcaaacacct   660
tgccagaaaa aa   672

<210> 6621
<211> 673
<212> DNA
<213> Aspergillus oryzae

<400> 6621
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ctctggtcct gatattgaag gatttcaacc gatttacggt accggtctta gcatcacctc   120
actgcagaag gcccgtcacg caaacggcaa tgggaatacc gcaattgcgc ccgactccag   180
aaagcatcat cctgccataa gcaaaaaggc aaccgcacgc ccaccactct accccacagc   240
gccattaagc agtcaatcta gtgccataag cgagtcaggt gcacgggatg aacaagaaat   300
gcagaacggc gaagaagatc cgcagaatgc ccttttcac caggtcttgg aatggcttca   360
gcgtgaaaaa tctaaacgga aatctcccaa agtaaaagcg catcacaac cagatggttc   420
gggtagcgat ggggatgatg aggatgatga agacgctggt aatggggatg gtggcaactc   480
ggagaggaca acttcccatg gggccgacaa tgtatttgcc ttaaacaagc tggagaagat   540
cctcatccag tacgctgctt cacgcagtga cggcgctggg cctgcttatc ccgctcggcg   600
gtcaacccgc cggcggtatg tgaaagggct acggaagggg tcttgctctg aatctgaata   660
cctaaatggc gac   673

<210> 6622
<211> 698
<212> DNA
<213> Aspergillus oryzae

<400> 6622
ccctctgatc gacgacgaac tcttgcccaa cctaccttat ccttttttg tccagtcccg   60
tcactcatca agacccgcaa caccctctca ctcgcccgat cttaacccc tctattccct   120
tcagtcactc ggctcgcaga catccgaaat cacactctct gtacaaagct tgagcgacac   180
tctctatgaa gcgcgggagc taacagccac cgcctctcga agactccgat ctgcgcgcga   240
atgggtctcc gaactccgcc gtgaagaaaa acggtacgca agaggggccc gcgatcggtt   300
cgaacaaact gtggcgacga cccagttctg aaccggccgt tctaccctga agaaaatggg   360
gaagccgaaa ggtgcgaacg caattccgct tcgggaactt ggacccaaaa ccccgtctgg   420
agggaaggct tacaaacggt tttcgactcc ccatggctcg ggggggcatg ctggtctcac   480
ttcagtgcgg cgacgtccga agcgatctgg ggtggggggcc ctttggcgcc tttccggggg   540
gaaagggggg gggagaggat gggtggacac cacggaaagg ggacgtccca ctaaaacatg   600
aggacaaaac cactttgacg cccgacgcga agccgtcgaa gaacatcgag agcgcccatg   660
ctgcccgaca ccgacataga tcgcggtgga caacgcca   698

<210> 6623
<211> 691
<212> DNA
<213> Aspergillus oryzae

<400> 6623
gatattacag gaaacaccttc gtagaaacat gcccgcgtac gagtgacggg aatgcccgga   60
aagcatgttc ccacaggggt cattgagaaa ttgaacgatc tagtctctgc tatcccccca   120
acgaatggct ggatgattga gctaggctac agtgacggct cgtcaactac agatctcacg   180
gtggatatc gcatttacat ttccggcgac acactactga tcgacgactt gaaagaaatc   240
cccaggcgct atggtgatca aaagatcgac ttgatgttgg cgcatcttgg tgggacgact   300
gttcattac cggcattggg cccattggcg atgatggtga ccatggacgc caaacacgga   360
gtgcacctga tgcccctgat accgcccgat gtgacccttt caatccatta tgacgacttt   420
gacgtgttcg ccaggttatt ggaagacttt ttaaaacact gtcaagaggc cgatatgggt   480
atggggggga catttaaacc cccgagatga agttttgttt ctctgaaaaa cttattttt   540
ttacccccg ccaatatcct cccataaacc ctctgggggg gggttgttcc tccatgacaa   600

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ctccatatta acacccttttt tttccgtcaa tataataaca taataaattt actttcctgg      660
gcgattacat cattattata taggggcccc g                                      691


<210> 6624
<211> 681
<212> DNA
<213> Aspergillus oryzae


<400> 6624
cagatccaag tgtacgcttt gacgcatccg tggcgcagtc gggtctacaa tgaacattcc       60
cgcaattctc ggtattgggc acgccgcccg ctcgggaacc ttcgatttcg cctacttcca      120
gtccttgggt catgtcaata tcggggaaga ggacttgcac accctcttcg ccgaagctat      180
attatccgga cgcccgtgta ccttgcgcgc gtcgtatggc accccgcacg ttgttatggg      240
gatagattat atcaccgcgg ccgcgaatct gaatagccca ctgacgcacc gccgcgacgt      300
gaaattcgct cacttcatca cgcctgatac ccaagctggt cgagcgcatt tcgctaacga      360
ggcttattcc actaagaaac ttcgtgttca gctttaatct cacataccccc gagaggccac      420
gaccacattc accggtgggt gggactcctt cttcaagcat ttaaaagcgt tttgcttgtt      480
ctaccacacc accctgttcg aaaaggtcct accttttgac gaaacaaagg ggtggcttcc      540
cttgttggaa atggatatat ccccgcgggt ttcttcacgg agctcaaggt tgactccccc      600
ccccctgtt aatatggggc gggggcgcc ttcgattttg tatgagtggc ggtggagcaa      660
agctcttgta taaacccgga t                                                681


<210> 6625
<211> 1346
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(1346)
<223> n = A,T,C or G


<400> 6625
cttgtctgtt tgctttctat tccattgatt ttccaatgcc aaattgcacc gattaccaca       60
ctgagtaatc atttcgcaca cctttctact tccctcccac gacctcctca tctgcggcca      120
gctagtatag gcctgaacta gccatggctt actcccctgc accggcatcg cctgtgcctg      180
gtggccctgg tccaagtttg gtcaataact tacactccag gggtcgatcg gcaagcccac      240
cgaccagtgt acctcttttct aagcgagaca agcggcgcag cgcgctgcaa gagcgcctac      300
aagaccttac ggcctccttc agccaaaacc gagatacccca gtttcgccag cagctccatg      360
ccttgcaatg tgatatgacc ctcatcaaca atgccgatcc atactcgcct ggtcctctgc      420
cggactcgtc ggaagagatc gcgcatttaa tagagactac tgtcggtggg ggaaaatttg      480
caaaggagat gtcgagtctg gctggcatgt ggtattcccg ctntgtgcag gaagttaatc      540
aggctaaaac cgaaaaggat gcagatttgg ctatgctggt gcaccgncat aataataacc      600
tagaacggtt caaaaggaat acgcttttcg cgttcatttt gccgaagaag aatacaagca      660
tctgtctgct acccttctat agcgccttgt acagacaata acgggcaaga ggactcgcct      720
gatgcgcgag aaggagcagc tggatattgc agatactaat gctttgcttc tgcatcccaa      780
tcagttcagc atcaccaatc ccgctagtcc tggcggaatc cacgggaacc gcaaaacccg      840
acacacccgc caccgtgtcg atctggtgga cgagctgggc aatggtattc tggcggactt      900
caataagaga aagcggaagg ctcctgagga ggacgttgga tctccagtac gggagggcgg      960
ctacactaac ccggctgaac gtgcgaaggc ccaggtggtg cagcagcagc atgccccgtc     1020
ctattctata cagtcacttt tcacggagaa ggagctgagc gccatgcta attatgagca     1080
cgttgtgatg gtttacttct tttatacctc caaatgagcc gatatgccta ttgttctgg     1140
agtcgacgta tactacactt atctctagga cttgttggcg tcgttctcgt cccttttaac     1200
gctgctattc cgatatgcat tacgctggtt gtgatctcac tgcacactga tgatggctcc     1260
tgtcgactac tatgacgaat gtccatgacc gtcagtcatc ttcggttgtc tgataccatc     1320
gatctaagac gtacatcttc ttaccg                                           1346


<210> 6626
<211> 676
<212> DNA
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<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 6626
ccatttactc accttcatac ccttgacctt tgagaatccc tattcgccac cgccatcatg   60
ggtctcacct tctccaagtt gttcgaccgc ctatggggca aaaaggagat gcgaattctg   120
atggtcggtc ttgacgcagc cggaaagacc accattctgt ataagctgaa gttgggtgaa   180
attgtcacca ccatccccac aatcggtttc aacgtcgaga ctgtcgaata caagaacatt   240
cagtttaccg tgtgggatgt cggtggtcag gacaagatcc gtcctctctg agagacattac   300
ttccagaaca ctcagggtat tatcttcgtc gtggatagca cgatcgcga tcgtattgtc   360
gaggcccggg aagagttgca gcgcatgttg aacgaggatg aactccgtga tgctcttctc   420
cttgttttcg ctaacaagca agatttgccg aatgccatga gccccgccga aattacccag   480
cagcttggtc tgcaaagtct cactcgccgt gcttggtaca tccaatctac ctgcgctacc   540
acggtgacg gtctgtacga aggtctcgag tggctcgccg atgctttgcg gaaggccggc   600
ccgngattaa atgtgtataa tgcgatgagt gaaaaaatac ctggacgttt gacttgggaa   660
tggggataat ggatgg   676

<210> 6627
<211> 964
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(964)
<223> n = A,T,C or G

<400> 6627
ccgtatacac cgcgttcttt catctatcat cagtcgcaac cgtttgtcga cttttgatac   60
gcataatctt cttcccggac ctcatcgttt ttgagacttt attccacctt tttttttcaca   120
taaaatatca ccatggctgc cccagtccca acctttaagc ttgtccttgt cggtgacggt   180
ggtactggaa agaccaccct cgtcaagcgc caccttactg gcgaattcga gaagaagtat   240
atcgcaactc tcggtgtcga agtgcaccct cttaatttca ccaccaacct tggacaaatc   300
cagttcgacg tgtgggatac tgccggccag gagaagttcg gtggtctgag agatggatac   360
tatatcaacg gccagtgcgg tatcatcatg ttcgatgtta cctcccgtat cacctacaag   420
aacgttccca actggcaccg tgatctcgtc cgtgtctgcg agaatatccc catcgtgctg   480
tgcggcaaca aggttgatgt caaggagcgt aaggtgaaag ccaagaccat caccttccac   540
cgcaagaaga acctccagta ctacgatatc tccgctaagt cgaactacaa cttcgagaag   600
cccttcctct ggcttgctcg gaagctggtc ggcaacgcca cactggattt cgttgctggc   650
cctgctcttg gctcctcctg aggtctcggt cgacccggaa gttttgaagc agtatgaggc   720
ggatatcgta actggctcgg gccaaacttt gcccgatgat gatgatgccg atctgtagcc   780
tgagaacaat aaatggatgg ggctggacaa ctgttatggt tacggtccct cccaacatgt   840
tgggttcgtt atgcaaagtc tttgaatttc catccaacga tagcggtcgg aggatgaatt   900
tgcggatgat ggggaataat atgccttntt catataacta ctaatagtct taactcttcc   960
caag   964

<210> 6628
<211> 688
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(688)
<223> n = A,T,C or G

- 2352 -

<400> 6628

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gtactctgcg tcgccgaggc gagtctccgc agttctcgcg tattcgaaca ggcagaagat      60
aaggaagata ttgacgcagc aaagaatgcc caaaaggagc tggagcatgc agatgacggt     120
gactttgaag accgaagtgc ctctcaaaat actcccgctc aaacacctgc ccagacccag     180
gttggaaccc cattagccgc cggcgatgaa cttggaaatc atggacctgg tgtggacgaa     240
tttgtggatg ctgagccaca aactgctcac atcgatgatt acctcttacg gtttatggaa     300
tggaacttga aggacgaacc gctcgttcta cccccggaca agggtaagaa gaagtctaag     360
aagggcaagg agcatcgtct tcgcaaaaga cgccgttaag acgagaaaga ggtcatggtg     420
accacgacaa tgttttcgat gaagagttta agggccaaag cgtccaatgt aattgtactt     480
gtgattgact gctaaagctt gtgtatctga ctcagttccg gcttcttcnt cgactcaatg     540
gatgaccgan aggccaangg aaggaatcct gctggagntt ggaaggcgtc cgcatggaag     600
aaaaaaaatt tcatggcatt atggaatgga cctgaaaggt tcttcctttc attttgattc     660
aggaaccggg ggtagtgatt gatggatn                                        688
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<210> 6629
<211> 668
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

<400> 6629

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cagtccaggg ggtcgaactt gacagccatc gattgtcatg aggggaaggt ccattcgagt     180
ctccactgtt cccaactcgt accaccacaa tccggccact ccatgcaacg ggcggacaag     240
cgcctttgac cccaattctc ccatcagaga gtaattccag ttggggggctg gaatcaaatg     300
ggaaggaaag gtaaagagag agtgtggggga ggagggggga ggggggtgg aagaaangaa     360
tgaagagaaa aattccagtt acagcaatat tttggcgcag attgtattgt tatgcccacc     420
caccggacta tctcttatat cgatggtccg aatgtttgac gctcattttt caaagtgcga     480
cgaatatccg tatattcctt dacaaccccca acatattatg atgtgtgttg agttctaatg     540
gataaattga tatgactacc agggcatgcc gattgggaaa cctttgtgat attatgggca     600
taacctccca tttaaaatcc catttatacc aattttcccc actttgacga caataaaaaa     660
aattaaga                                                              668
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<210> 6630
<211> 648
<212> DNA
<213> Aspergillus oryzae

<400> 6630

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ggcctttgta tgtacatctt agaatgctca attgaacgtc aaagatgtac atacaaaggc      60
cgaaggtact aacgagaata gagatgaaaa tggtgtcgag ctgaaaaaag aaatggaaaa     120
aaacaaatgg caatatcttc ggcgcaatag agaattttaa agtcaaacct tcaaatcgca     180
tcataccatc gtacacgcct attctccatc cttataccte aacattcagt acaattttgg     240
tcgggcgtgt cccacaaaac agtgccgaat aaggaagccc ttgcgcgatc agcatatcca     300
tcaccagatg cagtcattcg tgggtggctg atcgagcaag acatgagatg gccgaggcat     360
cttaagccgc caggaggggc tccttctccg cgttcaaagt aggatgctca atcgactccg     420
ccacagccac gggctcctcc ttcacagcaa cgggcttctc tttaagtgcc tctgggaaat     480
ccgtagtctt tgatacgggc tcggtgtcga tctccttttt gataacgggc ctcggggtgg     540
agaccttggg catctgcgga gacacggagc gacgctacc gatgtattcc tgggccttgg     600
cgctgtaatc atcaacggac ttgtttatta agcccgtcgc atgggagt               648
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<210> 6631
<211> 690
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(690)
<223> n = A,T,C or G

<400> 6631
cggcacgagg cgcatattct ccctgatggc cgacgggtta atcgacccaa ccctggtgta        60
cgaatgggcg gtagtcacct caatctacgt ggcagggtta atccccaagc gtatgtgaat       120
caagattcag ctttgacgaa ttctgtcctt tcgcaacagc gaatgaacgg tcaagagccc       180
cgatatggcc ctcaagttca ttcgcaagag gaatatgcta ccacacactc tccacaacaa       240
ccatatgacg ccattcccac catcgacgcg ggcttggctt cagactccgg gtctaagtac       300
ggttctccga ttgatgacat gcgatttccc atgtctccaa atcaccgtca tttaaccgca       360
cttgacgcac ccctccctgc ctcctttgat agccaaggaa tatcgcacgc cgctcgttat       420
gggccagtag ccgcttctat gccatcgaaa ttcggactga aactatcccc gcccgtccaa       480
aggattggcg cccactccga tgcgctccga agtctccgcg ataccgcata tggatcggat       540
t aaggaagc caccttcttt catgggctct tgcnctnctg agattcctga ngatggcccg       600
ggacctcgat ttttgcattc acagcgtttc gtgaaaccac gaatgctctc tgcgagtgtt       660
ccgcggctta ccgcttaaat gattgggatg                                       690


<210> 6632
<211> 304
<212> DNA
<213> Aspergillus oryzae

<400> 6632
ggagtgaccc attgatatag caatctccgg acccctcgtt ggatacgccg gacgtcaaag        60
acaaagatgt cttccacagc tatccccaag cgcatggcgc tgaaccgcaa cccgggcacg       120
gattcctccg tccccagcgt ctcggtgtct ccgtttgaca gccctcgcca ttctccgtcc       180
tcgacttccc tttcgtcgct ggcgtccgag tctgagaaca agggcaagat gttggacacc       240
tatggaaatg agttcaagat ccccgactac accatcaagc agatccgtga cgccatcccc       300
gctc                                                                   304


<210> 6633
<211> 679
<212> DNA
<213> Aspergillus oryzae

<400> 6633
gcggcgtaca tttgatcact tcgttacaat tagtttcgat cgccgttaaa atcatgggca        60
gcctttcccc cttcgatgtc cctttcgatg agcttcccaa ccccaaacaa gtgtgggtgg       120
gaaagcctgg tagctatgaa gaagggcttg ggaagttagc tatccttacc tccgaagagg       180
tggcaaaagc cgcttagacc gaaatcaaga ctggtcggag agtcacgatg gggtgggatt       240
taacgaagtt gaattattca atcctaaacc gtcggccggg ccagcacaag atcgttcctc       300
ttctgggcgg agtggcctat gatgatattt acaccatgaa tcctcaacaa agtagtcagt       360
gggatggact gcgacactta tctgaaactg ttcctggcca gaccgagcgt gtattctacg       420
gcggtgtgac atctgaggag atcaacgacc gtagcaacaa tcggattggc atgcagcact       480
gggcgcggga aggtattgca agtcacggcg tattgattga ctacgccgca tgggcggaga       540
agaatggaat cacgttcagc gccttgtcca ctcatcacgt gcgactatca tacattctag       600
aaatggcgac gagggggaca tcacttttca aaaggcgaa atcctgtttg tcctgttgga       660
ttacccaaa atggaccc                                                     679


<210> 6634
<211> 669
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(669)

- 2354 -

<223> n = A,T,C or G

<400> 6634

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cttttttctt ttttttttt tttctccgcc tcaaaccctt ggacaccaca aattctcaac       120
caaaccaaac agaaaaaata aaaaaaaagc cccttctcca ggctccaaat gatcggtggt       180
tctgtcagtc aaatgactgc gtaattgccg gcgaagaata ataaaaatca ttaaaaaggg       240
aaacgaacct ctcaacttct cctcccgcag cttgaggaac cgaccttacc ttacctaacc       300
taacctttta ctcctcattc ctcgtgatta ctggtattat tattccttct cacccgcatc       360
taatcggcac tccctatat tcaaaccacc cattcctatc gtccctcgtt cgaccaccac       420
ccactttcgt ttctgaattc tcctttccca cccctttcttg attcttgggg ggttcagtca       480
acccatcagt cgcttttagt tgacccattt ccagccactc gctgagaagg gtcctcgcct       540
gactctgcat gtgctcagcc ttacaccagt cctgaacgat caatcggagt gtgcctcttc       600
cgccaacaca ccaactttca cccgtggctt tggcaccatc aagcctncttt ctctggaagg       660
agattccan                                                               669
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<210> 6635
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 6635

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cattattacc accattaccg ttcctactat tcacactttg ttattccgtt acaatcaaaa        60
ccgtctttca caatgaagtt cttcgccatt actgttgcct ccttggcttc tatctctggg       120
gcatttgcct cggccaacgg cggcaacgat gcatgcagca agtacatcta aacacccttt       180
tataacgatg ccagcgtcga cgtgtaccac tggagggagg tcatcgataa aacaaacccg       240
aacccttgca agtccgccag cggttcatgc ggcgcggacc tgtatggaat tttcaagcta       300
gaccaaaaacc aggattttta caactggggg caggacatgc gtaaattgag cacttgcacg       360
gccaccaacg atgcgtgcgg caagttcctc tgggacacct ttcacgaggc aaagagcacc       420
gacatgacca actggaagca gatcattcat gccaagggat cgaacccttg cgagtaagat       480
cttctccttt tcaagtattc cactaagttg atttatccat ccttgtcaag tttgttggat       540
actctcgctn tatcccttca gaatcgagcg cctgataatt ggttcggagg ccganggaga       600
aaatgggggg atgctngttg aaactcttga tacaatagat cgcgttgggc tagccagctt       660
gtaattacaa agaaataata ttgcttn                                           687
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<210> 6636
<211> 704
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 6636

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cgaaggcgtt cacttttttgg gatcttgttg gcccaatata gctttggttt caaaatttttt        60
gcccacccac accatcggga ggaaagtcta ttggtaaggc tcctcaggat actaaatcga       120
ttaatactgt gagaccacga ccaagtcgaa tcatatattc acttttcttca ttaggagtgc       180
ttggagctgt cctgctaagc gtccttcttt tgttgcttat tactgcaaaa gaccagaaga       240
gaagagactg caagagctgg ctctctacgc acctgaggtt atcagttagc ttactagcaa       300
gacttgttgt acatgccgtt tggtcgacgc tngtgtcgaa tgacaaccag acaaaatatc       360
cattgaatta cggagtgact cangcaaata tagttcgtgg acgcggcctt cattcaatgg       420
cacctacaca acaaccgact gtagaggagc ggagctcttc ggacactacg gcctcgtcaa       480
taaaaagccc tcgaatggct cgctttgtgg aagcaacgac ggtgcaattc ccgactggcc       540
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ctgctgacac cagcaagtca ccgtttgcag acccttccgg tcagtctaaa cgcaccctga    600
tgtgttcgac gtaagctttg gatatgttgc cgcaaatgat tcggtgcagc acgtattcca    660
ttaccaaatt gccgttttta ccactcaaaa gggctttaaa aatt                     704


<210> 6637
<211> 672
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G


<400> 6637
caaccttctt acggtgcgat tcatgatcta tacggtcagc tatatgtaca tgtcaagcgt     60
gagctagaga cgttttgtaa acggctacat accctaaacc ttaacgtatc gcttttcaag    120
aaagatgcaa tggatttgcc agatacatta gccacattga gggacaaaga aacattctat    180
gacagaatcg agcttgccaa catcgccgac ctcggatacc taggaccacc aaaaaccctt    240
gccttattcg gaccccttct caaaagcaag aagganaacc caaaagccac acttatcatg    300
gctattctca cgctacgag agagatgtct acacccaaag atcaggtcgc gtgtatgttt    360
cgtgccatgg aaacactaca gcgttttcgg ccattgagac ccagacgggg agatcttcca    420
attaaatata atgccgaatt tctgaaccag atgaatgcta tggatttatt tacggataat    480
gatactctct ttgagaggct cgttgaaaac gcgcggttta aaatatgggc cgtccccttg    540
gtctggagat gaaaactggg aatagccatt gttgcgaaat gggccaatgc ggttgggagg    600
gaatcccaca ccgcatgagt ttgaaatgcc tttttggtct gggcatactg tttgcaaagg    660
gtatttgaag gn                                                        672


<210> 6638
<211> 629
<212> DNA
<213> Aspergillus oryzae


<400> 6638
catttctccc cgtatttcat cccatatcga gtaaaggatt gatccacggt tccatccgat     60
ctagaagatc caaggaatcg aacactctgg ttctggatcc tctccgttgc gtcccctttc    120
caggatttgg ttctcagcct cgttgtgtac gatcatcaag aactgactgg agagaaagga    180
caaacagttc aggaagtaaa aatagaacac agcctgaaac atcaaagtcc gagactaaag    240
gacaaagact atttccgagt cattacaccg gatcattcgc tttaagcgcc gttcgctatc    300
tctgttagtc caaagttttc aaatctcgca ttcggggccg tttcagtcat tgtcatatct    360
gtaccgaaat tcctacaatc ctcgacgaat cgtttgacag cagacacaac gccataccta    420
ccccgcattc aaccagaacg aatcccggaa actgtttctc tatcagaatc tccagggcgt    480
acgaacttgc ttaaagcgtt ccaaaagtat ttatataaag ggagccgtta cgttgaacga    540
attttggaca ttccaccaat atggtgcgac aacttcttc ccaggaagt gtacgaaaaa    600
acttcttcaa cgtttcgaca catattaaa                                      629


<210> 6639
<211> 714
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(714)
<223> n = A,T,C or G


<400> 6639
cagcatccct taggacggac tttgatgcgg acggatcaac atcgcgattg actagaaagt     60
cggtcgtgac ctcgacattg atcaccattc caagaattaa gcagtgctat actgctagtc    120
aattataatg gccccgttcg gcgagaccat tgccgtgatt gataagtccg gcaaggtagt    180
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gagtacgagc aagcaattgt ttggtgtttt cagcaatgcc aagaatgcat atagcgcccg        240
caaggcccaa ttccaatcag agcggaatgc tattatcgcc gaaagagaag ctctgaaggc        300
gatacaaaat tatacgattg acgatgcgcc ctccgtcgcc tcttcgcgga gaagtcgttc        360
gcgacaccat tcgggccgca gccaccatgc ccggcactac tacgacgacg actatgaata        420
tgagcaggac cgcggttccg ttgcgtcgcg cccggattct tactatgacc gcccacagga        480
cctagtccgt cgacataccc atcatgatat cgccatgcgg nggcccgaag ctcgaccgac        540
aactagtcgc tcaaagtcag atgcacacat cgacatggac ctggcgtacg gcgactacaa        600
tcctcacgtg ttgaccaagg ctccgccaca acanaaccaa ctgcagaaga ttgaggaccc        660
agaacctagt ggtctagtaa accgcgccca atggctcatg gaggnagccc aatg             714


<210> 6640
<211> 649
<212> DNA
<213> Aspergillus oryzae


<400> 6640
gaaatctgag tgaattctcc ttcgtgagat agttaacgtc atctagcgcc agtcatctct         60
aaacccaagg aagtaacaag agccgtggaa ggcgaagaaa gatgcacaat gataacgaga        120
gaccaaagaa catcccaccc tacacgccga tgtcctcgct cggccatgag ttaggtgtga        180
tgttcgcctt tcttgcggcc tgtttcgtga tcatgggatt atacgtcttc ttttggcgag        240
cgttcgaacg ccgggaggca caaaaggaaa aggcccgcaa agagcggttt actaggagag        300
acgtccacca tgagcgcagc ggcatccccg agaaatgta tgataatcgg agagctatat         360
tgccggagat cagtagatat gaacttccac atgggattta atatggggga gatttgcttt        420
tatgtgatgg ggtgtatttg gtgattcgtg attatgacga cattatattg ttgtgtattt        480
atatttggat gttatgccgt cgcatttccg tcaggtgtcg acgaaatgtt atcatgatta        540
tgttgatatc gctatgatta cagagtagat cgccatggtg tcgattttaa gattaagatt        600
atgatgataa cgttgatgat acagttgaag atgatgtagt ggtgttgcg                    649


<210> 6641
<211> 585
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G


<400> 6641
cgagggcgac atctgtcttg gggcttcgcc gcagccggta aaggggaggg cgcgaacgat         60
cggtaatcta ttggcgcttc cgacgacctg caggcagatt tattgcgaat ctatctatat        120
gctgtacacc atgaatacct ttgaattcag taatacttgg tcactacat acctccgtcc         180
gactataccc ccgagctttt gggacgcaat ccgccaagtt gaactttgct gggccttccc        240
aggccattgg ttacctagta aggaccccgt caagactgtc tacttctccg ctggccggca        300
gcagtggatt gagacctgta aggcattgac gcggatggag agtcttcagt ctttcactct        360
ccaactgagc ggcagctggt tctgcgaacc ggtggagaag atcccggttt tcctggaacc        420
attgcgggag ctgaacctaa agcaagggtg gaagttgcag ttacccaagc agccgtatta        480
tgtcaaggag atccgaanta tcnnngacg acggtggnga aaaccttttg gggtttttaa         540
ttttttcctt tttttttttt cccaactttt tgagggaagg ccccg                        585


<210> 6642
<211> 551
<212> DNA
<213> Aspergillus oryzae


<400> 6642
cgttgactcc acggtactg catagagtac gcgtaccaat tattcaccga tccgcgaaca         60
gatccccagg acatctatcg tgtcttccga ctggtgagct gcgtgcgtca agaggataaa        120
ttggcccgct gtctttcgtc cctcctcagt gcaggcccaa aagagtcctt ggaaagacca        180
aatgtgcctt tctactgcat cggtggtgcg ggtacccatt atccgcatat gcagcccgat        240
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- 2357 -

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ggaaagcctc tgtatcccga gaacatgcgg cttccgggtc gagtccttgg ttccattccg      300
ggtagtgctc aggagatgga caataaatcg tcgtcggaga agagacagga gcttcttaag      360
ttatacgggc tggatggtac ctggcttgat tgtcgtgatg tccagggtta tcttgaagaa      420
aagggcttct gtcttgatgg tgcgccgtgt atcttcgcca ctcctacgct tgagaaccag      480
ggagaattct ccaaaggctg cgctggatca atcgaaggac attcctatga atctagatga      540
tagtcataag ctcacatcgt ttgccttgcc gtacgttgat ggcacggatg agcgcaattc      600
tgaaaaagca agcaatgcag caagacaggc ggcctgggtc ctcaaaattg t              651


<210> 6643
<211> 666
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G


<400> 6643
attttccttt acggccagga acaatctgag cagaggcgac ttgtcctcta gtgcagcctc       60
gatctcacag ccagacggct atgtcctagc tacgccggcc atggatattc aagttgactg      120
gctctgtcca aatgttttg ccgctggcac atcccataat ggcacaaaca tcgatgtgat      180
aagggcatct actctccttg aaacgcagt ggtatgcgat tttgggcagg ctccccaggg      240
gaacccaaat acaaaacctg ttcattcaga tacctggctt aacatcgggg atagggtgcg      300
tttccgggat tcgatatctg cagctgccag gtatccttcg tatcagcatc tgcccgctga      360
ccaaacattt ggctacgata taaacatcct ccgtgttact tccatgaaaa cagaggccac      420
tgttcagtgg caagatggga ctaccaccac cgaagcagcc acttctctgc acaaattctt      480
tggcgttgag gatgaagtct ggccctgaaa atgtagtgtc ttgaaagaag tatngagact      540
atccgagaat cctgcangaa ccatacggnn gtccttncgg caccgtatga aagagacatt      600
gcatgctagg agagtcgggg tggttcaaaa atgtgatagc cggaaaagat tagcattgtc      660
ccgtgn                                                                 666


<210> 6644
<211> 642
<212> DNA
<213> Aspergillus oryzae


<400> 6644
cgttgttgac taccttctga tcgactgatt tacttctttc tttcggattc ccttctttgt       60
atctttctag ccgtcgactt tcggtttatt cttatttcat ttagtcgttt ttttctcatt      120
ccctttccat tttccttcca cccctccgg aaattacaac caggccagcg attccgatgg      180
gcatctcttc atagctcctt tttctggtgg tcgaagactg gatcacgctt ccatattcaa      240
cgaaaccttt tcccttgcca tgtggtgatc gcttggactg ctagattaac gtcatgaagc      300
tcgccaacac cctgcacgcc ctccgacagc ggtgggttcc cgtctttcac aaaattgcgct     360
cctcgcccgg ggaggcattc gatctcttct gggagtttgc tcgccgatat ttcttcttcc      420
tcgcgttcat ctcgctcttt ggcgccaaat tccttcatct cttcggtcac ctacactccc      480
ttcccgtgag caaattcctc ctcttgggcc gtgcattttt cttttaagat gtcatgatcc      540
tgctattgtt tcgcaccctc ccccacaggg ttccgtggcg gtctttggct gtggtgggcg      600
cgatcatcgg cgttccgttc catttggtga tgtccgggat gt                         642


<210> 6645
<211> 465
<212> DNA
<213> Aspergillus oryzae


<400> 6645
cgagggcgca ctaaaactgc attgcatctt tatctcttca cctttcccc catcttcttt       60
ttcttttta tctaccccctt gatttcccct taatctctct agccgatgct tcaaatctat      120
tggatggagt gagaaacgac ccttgttttt cttttcattt ttgatcttct gtttatttcc      180
catctatggc gtgttgattt ctttcgttgt ggcgatttca tgcctgggcc tgcatagagt      240
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- 2358 -

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gagatctact gggcctgtac aaacaatcat gagcctggga tagcatatcc aacgactata    300
tacgagaagg tgaaggaatg dacaatgatg acatgcataa tggactgact cggcggatga    360
gttctgtgta ccatttggtt gatagattat tactatagta aattaacgta tcagatagaa    420
atccatcaat gagcgtaaat aaaaaaaata aaaaaaaaa ttcct                      465


<210> 6646
<211> 225
<212> DNA
<213> Aspergillus oryzae


<400> 6646
caagggttca cgatctcgaa gcagtttggg atcttcgtcg tggctgcagt accgcttacg     60
atgctcaccc tgggatcttg gtatatcatc accaaacggc aggtgaaact gcggcagaag    120
aggaaggagg agagagcagg aagcaagatg tgctgagata ttttccttc gtatctttcc     180
tttgtacttg tctatttgct tcctctttc ataagtatat atgtc                     225


<210> 6647
<211> 658
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G


<400> 6647
cgatttatca ctgcctttc tccccattgt tgcccgaaac aaccttacag agagagagat      60
attctgggtc gagtacagta caacagttgg aattgacgtt gggtggcatc atcgagcatc    120
accccgtgac ttcctatgga attttctcca tcattatcgc tcattatcac tcagccctga    180
ctcaacgtgg tgccagttca tctcattgca tttgaactat tcccttcttg ttgcttctat    240
cttccaactt acgctgttct acttttagag tatcgtggcg cagtgtcctt gggcctgagc    300
cttgggattt ttctttattt ttttattcta tttattttat ctattttatt ttatctaatt    360
atcttggatt tttccccatt tgcccctcgg cttgcctctc ccgcaaggga aaaccaaagt    420
ctctgatacg gtggaaccgt gccttggtac cgtacgttac cgatctttgg tgaaagttta    480
ccttgcaacc aaacaacaat ccaatccgct gtgcctggga attgccggtc ccattttgc    540
ctcttggntc ctgggctgac gggcagtact tcattactta gtacttactt gttccgctcc    600
ctttctccgt tttcttcctg aatctcctca acccccttac tgtctctcca tcatcata     658


<210> 6648
<211> 599
<212> DNA
<213> Aspergillus oryzae


<400> 6648
aaaaccggaa agtttaattt tctttggggg aaactaaatc ttttttatt tcctcccggg      60
atcggaaatt ttgacctaaa aaaaattggt ctttcccttg taaaaaaat ctttaatttt    120
taagggtttt ttttttttcc cccctgtt ttttggcaaa ctcttaattg tgttttcca     180
ccttttaaag gggtttggcc ttttctttaa ccttggttcc cccacccctt cctttaaggt    240
taccaacccc cggagggtgg actttccct tggaaaaaaa attttttc cccttttaa     300
aatttgggtt ttattttgt tttcccqgqg gcgaaaaaag ggttgggttg tgttttgaca    360
tccccggagc cccccccacc agggttttac atttttcccc ctcaggagcc ttttttaaac    420
aacttttctc ccccgaatt caaactttt ttttttgtt gaaaaaaaac cttgtttttt    480
tctccccagg ggaggggggt gaaatttttt tcttttttaa aagaatcacc ccctctgttt    540
ccccccttat aaaaaaatat atttttgggg gttaatttt atcttcggaa aaaataata     599


<210> 6649
<211> 687
<212> DNA
<213> Aspergillus oryzae
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- 2359 -

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 6649
cgcacatcgc cttgccggca tcaagaatag aaaggatctg aaatcatctc tggctggcgg   60
cctattcgcc tcagagatcg ccagtattga cggacaacga agtttcagta tcatcacgaa   120
gcatgatgcc aaagaggaca tgcgggttgc cgaagcgtcc agccagatat cctggtggaa   180
acctctcgca atgtcgctgg gttggcgaat tcttacttta gctgtccctc ttcttgtcat   240
tgcgggccta gagaccacct accagatctc tcagaaacga aatggcttgg ctgatatcac   300
atccgatggt tatattcgct cacctgggt atatatccct gcgtttatca tgctcttgat   360
acaggctctt ttcgaatgca gccacttctc tactcaggtc attcagccat acctggagtt   420
gagacgagga ggattgaccg cacaggaaag cttgatggac aattacctgt cgaaactcac   480
catgcatgct ctttggagcg cactcatcaa aagaaagtat gcaattttta ctactgcatt   540
gactatgatc ctggcacctt gtttgacaat cgccgcgagc gggttgtatt ctaccgaagc   600
tgctagctat gtgcgagcag tgtctatctt gagaaacgac tcgttcaact cgaccgtgga   660
gcctcaagct taccactcgg gacagan   687

<210> 6650
<211> 758
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G

<400> 6650
tgatggccga tcgatacgga cgaggcgaca tatgtcgccc catgccgaca tacagtccct   60
tctggggaaa ataactggtg gaaggaagcc accgtatacc aggtctaccc cgcctcattt   120
aaagattcca atggagacgg ttggggggat atccccggac taatttccaa ggtcccttac   180
ctgcactcac tgggcgtgga tgttgtctgg ctatcgccca tgtatgattc tcctatgcat   240
gacatgggct atgatgtgtc cgattatgaa aatgtattgc cagcttatgg tactgtcgaa   300
gacgttgaga gacttataga cgcctgtcat gagcggggca tgaaattgat cctggacctg   360
gtcatcaacc acactagcga tcagcataaa tggtttcaag agagtcgcag cagcaaagat   420
aacgacaaga gagattggta cttctggcgc cgcctcggt atgatgaaca gggcaataga   480
ttgccccca ctaactatcg cggatatttc gccggtagca cttggacatg ggacgaacat   540
acccaggagt attacctcca tctatacgcc aaagagcaac ctgatctcaa ctgggacaac   600
gaggctacac gaaaggcaat ttatgacagt gcagtccgct tctggttggg acaggggggtt   660
gatggattcc gcgtcgatac cgtcaacaag tacagcaagc acacggactt tccagatgcg   720
ccggttactg atccnaaaag catatncagc cggcaatt   758

<210> 6651
<211> 814
<212> DNA
<213> Aspergillus oryzae

<400> 6651
gatattcagc gcagagccac accataagga tttgattctt ttggaagact gtcgccatca   60
tgtctaagat cacagtcgcc ggagtgcgcc agaatatcca gcagctgctg gactactctc   120
agaatgagaa gaagagaaac ttcctcgaga ccgtcgagct ccagatcggt ctgaagaact   180
acgacccca gcgtgacaag cgtttctctg gcaccatcaa gctgccttcc gttcctcgtc   240
ccaacatgac catctgtatt cttggtgacc agcacgatct cgaccgtgct aagcaccacg   300
gtattgatgc catgtctact gaggatctga agaagcttaa caagaacaag aagctcatca   360
agaagcttgc tcgcaagtac gatgccttcc ttgcttccga tggtctcatc aagcagatcc   420
cccgtctctt gggtcccggt ctttccaagg ctggtaaatt ccctacccc atctctcacg   480
ctgaggacat ggccaacaag gtcaccgatg tcaagtctac catcaagttc cagcttaaga   540

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aggttctctg tctcggtgtt gccgttggca acgttggcat gactgaggat gagctgattg      600
ctaacgtcat gttggccatc aactacctcg tctctctcct caagaaggga tggcagaacg      660
ttggcagcct tgtcctcaag gcttccatgt ctcctcccaa gcgtctctac taaattattg      720
acgctctctg gtcacgctgg gggttttta ggagcttaga agtgggattg tatatgccat      780
agtatcggaa atataactcg ctacttcgtt cctt                                  814


<210> 6652
<211> 682
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 6652
gatattcata tttctccct cgaagacatc tatctcgtaa ccgagctcct gggtaccgac       60
ctccacagac ttctcacatc aaggccgttg gagaaacaat tcatccagta tttcttatac      120
cagatcttgc gaggacttaa atatgtgcac tcagcaggcg ttgtgcatcg cgatcttaag      180
ccgagtaata tccttatcaa cgaaaactgt gacctgaaaa tttgcgattt tggtctcgcc      240
cgtatccaag accctcagat gacaggctac gtgtcgacgc gatactaccg tgcgcctgag      300
attatgctca catggcaaaa gtatgatgtg gaggtggaca tctggagcgc cgcctgtatt      360
ttcgccgaga tgctggaagg aaagcctctg ttccccggca aggatcatgt gaaccaattc      420
tccattatca cagagcttct tggtactcca ccggacgacg tgattgagac aatttgtagt      480
gagaatactt tgcgattcgt caagtctctc cctaagcgcg aacgtcaacc tctcgccacc      540
aaattcaaga actgctgacc cgatgcggnt gaccttctcg agcggatgct ggtatttgac      600
ccgaagaaga gaaatcgcgc gggtgaaggc gctgcacacg agtaccttgc tccgtaccac      660
gaccccaccg atgagcctgt gg                                               682


<210> 6653
<211> 864
<212> DNA
<213> Aspergillus oryzae

<400> 6653
caaaacttct ggtctggctc aggcttatgc tcgtgcccgt gtttgccgac cgcatgtcca       60
gcttcggtga catcctcgct ctcagtgacg ttgttgatgt acccactgcc aagatcatct      120
cgcgtgaggt ttcggacggt gtcatcgccg caggctactc tcctgaggct cttgagatcc      180
tctccaagaa gaagggtggc aagtacctcg tgctccagat ggacgagtcc tacgttcctc      240
cagccgagga gacccgtact ttgtacggtg ttcagctctc tcagcaccgc aacgatgtgg      300
tgatctctcc ccagaagacc ttcagcacca tcgtgactcc taaggacctc cagagccttc      360
ctgactctgc tttgcgggat ctcactgtag ccaccatcgc tctgaagtac actcagtcca      420
actctgtctg ctacgccctc aacggccagg ttgtgggtct gggtgctggc cagcagagcc      480
gtatccactg cactcgcttg gccggtgaca aggctgataa ctggtggatg cgcttgcacg      540
accgtgtcct caacattaaa tggaagaagg gcactaagcg tgctgacaag gccaacgcca      600
ttgacttgct ctgctcgggt aacacccctc gcaacgatgc agagaaggcc gagtacgagc      660
gtgtcttcga agaagtccct actccattca ctcaggagga gcgggaatcc tggctcgaga      720
agctgagcga gggtgccagg ctctccgatg cttgcttccc tatcatcgac aatgttttcc      780
gagcagtccg ctccggcggg aaatacatcg ctgctcccag cggtagccac aacgattgcc      840
ctgtctacag actgcggaga gctt                                             864


<210> 6654
<211> 656
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(656)
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<223> n = A,T,C or G

<400> 6654
catatcaagt cctttgagca gttccctaag gaaatctccg gtccgaccgt ttggaaggcc   60
gaggagtatc gcgatgctcc ggagaagtgg actcatcggt ttacggctga ggagatcgcg   120
gaattgagtg cgaccgcaga tcaattcctg gcgaacaaga ttcccttgac tggtatttct   180
aagagcaact tcccccttcc caacctctcc aagcgcctcg ccgaactgcg tgcagacctc   240
atcgatggca agggctttat tctcttcaag ggtttccccg tccaggaatg gggtaaccac   300
aagtctgcag ttgcatacat gggtctgggc acgtacctgg gttactttgt cagtcagaac   360
agccgtggcc atgtcttagg tcatgtgaag gatctgggtg aggatccgac tcagattgac   420
tccgtgcgca tctaccggac taacgccaga caattcttcc acgctgacga ctcggatatc   480
gtcggtctgc tgtgcattgc tcgtgcgctt gaaggaggcg agtccgacat cgtttcttcc   540
caccatgtgt acaacacgct cgccaaggag cgtncggacg tnnctcaaac tctcacagag   600
cccatctggt acttcgaccc gcagggtgag actagcangg gacaggagga gtacat   656

<210> 6655
<211> 304
<212> DNA
<213> Aspergillus oryzae

<400> 6655
ctaaaaacga aagacgaacg tacaatgagc gcgcctgtgc tttctgagtc tatacctatc   60
acgatgaaac cccgcaaggg ctctaaagga gagctcgaaa ggaataactc aagtgcctcg   120
tacgccgcta ttgagaaatt cggcagttca ccaccgcgtg ccattcgatc ccagacgttc   180
tccaacgccg ccgatcccgt gcttacagca gataatgcaa agatcgacaa agtcgtgtat   240
gacggcaaag atgcagaaaa gagcagtgct gctagtgcca tgattgaaat atcaaaccgc   300
tctc   304

<210> 6656
<211> 688
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(688)
<223> n = A,T,C or G

<400> 6656
cagtttcaaa agtccatctc atactatgcg gcaccatcta cgaggtctgc actgcaacat   60
ggagaggggt acggcaggat cgagcatcta tttgtcatgt tttatggacc tgtacggcga   120
acccactttg tctactgttg ctgacagacg ctgctccctc ttgccgcccc aaacaaccgt   180
ctcatcgcca ccgcttccca gcgccatggt gggatcaggc gacactggcg aagccaccat   240
tagtgccgtc agatctgacc caacaaatct caagggccac cggagtcact catatgaggg   300
tgacagtcat caaagaagga tccaacgctg aaagtggcaa cgccaccagc agcggtttac   360
caagcgatga atccaaaatc gcgaagtaca acggcatttc cgagagcgcc aatagtaggg   420
gcgagtcagc ctcgtagggt tttagagagg ctacagcaag agtatgtgcg gacattgggc   480
cttctgggcc agaccgagag gcaatgtctt acactagcag tttcaggctg aggccgaaaa   540
atcacggcga tagcggcagc gggtgatatg cgcaatggca gataatagcc cgtccaggg   600
actcactcag gattcatncg gtgttcggct ggcgttgttc tatgactgtt ngtacacgaa   660
ngtgaagaaa tagcgctcct rrarayct   688

<210> 6657
<211> 257
<212> DNA
<213> Aspergillus oryzae

<400> 6657
ggaagagata gaaggcgaac aaagaagagg actcgggcct agtgctgtga tggatcgatc   60
ttattgggat cttgacttga tgaatccacg ttgaagtctt tgtcagcggc tcgaattttc   120

- 2362 -

accgaacgcc cgtcgagcga tcgtttcttc ccccgtcccg cccacgccag tgtatgtcgt   180
cctttgtcc gtcacgatcc gcagcggtcc gtcatacgtc taaatcgctg tttaatatga   240
agacgattag cattccc   257

<210> 6658
<211> 663
<212> DNA
<213> Aspergillus oryzae

<400> 6658
gctgaagtct tcttgtcttt tccgcccaat gacagcctgt cgagcaatcc acttcctgta   60
ccattcaggt gactcgtata tgaagaaact gcagcacctg tcatggagtt tctaacccac   120
ttcccgaagt gtcgtagcgg aagcatcaaa cttgattttc ttgtcccagc tctaactcac   180
aagtaaacca ctacgatgac catgaaaagc ttctcgttgt cggaggttct tgccgtcgcg   240
aataggcatc ccttctataa cccggaaatt caatatccat tggacgagac agcattacag   300
gcagtccgag actgggccgt taagaaccag acgggagttg accttcggat cccagccatt   360
gcttcacaag aatgatatct ataagactgt ggaacgggtc acgcacgaat gcagccccga   420
gaatgttgta cgttgaagcg caataaatga gcaatcaagg gcggcgggtc cgggtggagt   480
acaatgaagt ttgcatccga atgtcaatga aaatccaaaa gcaaagggtc aaatggggga   540
actcctaacg gattggcggg ggtttcaagg ggttaagaac gggtaatggc cgttgaaaat   600
actagggggg ttttaaaagg gcccttgggc ttgggaaaaa ggggctttgg gggaacaccc   660
ggg   663

<210> 6659
<211> 638
<212> DNA
<213> Aspergillus oryzae

<400> 6659
gtcaagaaaa gaagttccct tagtatcttc tctttggcga catctgttct aacggtccaa   60
ctctctcgcc ctgtggcctg acttgtatgg tctgctccat ccattgcatg actcctacta   120
tgctgtctac ttccacgcac gtgtaaaggt caggcgcgtg gtctacattg tcgtccgtta   180
cttgattcta ttcttctttc tttctcactc cttcactcgt ctgaatttat cggtattcat   240
tttgatcagt cgatcttttc cgcccaagat gccttctttc aaaccaactc tccatccatt   300
gcaaacccct cggactatgg tctttccatc agagcttcaa gaggactcag gatcttccag   360
cctttcagca ggcaatggta gaggggatga accactctcg acaccaatca cacctcccgc   420
agcctacaca gagttcctca agaagtttca gcctatctta tcccctatca ctggggagcc   480
tgactttttct aagatccaca ccctgaggga aggccactcc accgcatcaa attcttcaat   540
gtcccagccc gcatcacgcc cgaccagtgc agtcagtggt acattcagct tcagtggtga   600
ctcgttcagg tcagccgccg cttcgctgcc accaccaa   638

<210> 6660
<211> 671
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 6660
ggtactgga ccgtcgctgg agtcgaaatc gatagtttcg gacgagtctg acaagcttgg   60
atggaatgcc cactcagaag tatctgacga ggctatgagt aagctgcgaa acatcgtttc   120
cgaggaagtc ggaaccctac ttcgagcttt agaacgtggt cgcatccgat tgaagcctgg   180
tcgctctgag cgtgagaaa tgtctcccat cgaatccaaa accagcatac gcaatggtcg   240
gtacggtggc gatggagcac aggacgatga tgcgcggact ttccgaaca cggtccaac   300
agagatcctg tctctttcag ataaaacgga caagacagaa gaacatgaac ctgaacttcc   360
ggctaccgag tccgatgcga ctagtccaga gtgatactat cacgatgtcg tcaacacgat   420
atagtaatag aatacggagg cttgtatcaa aggctcttgc ctattacgtg actctagcat   480

```
acaacttnct atgccaaagt cacttaatag gcgtaagagc ctttaatgct ctaccctcat    540
tggactatcc gtatcggcgt cgacgggtgt ccttcactca atctcgtgta gatgtatcgg    600
tggctagcac aagatgcaga gaatgctnct attgtgaatn ctttgactca atggaaacat    660
tctctgtgtg t                                                         671


<210> 6661
<211> 707
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 6661
tgcgatgtat tacggagtac gatagaacgg tattggtttt gatgggtaag gcagagaggc     60
acatacatac tgtacataca gttctgaccc acgatccgac ccgatcgtca aaaaagcccc    120
tgcgaccttc cactccattg cccatttttg acccctcct cctcctactt actcctcagt     180
gacccccttc gagttccgct gattgtcccc acaagttcac cgtttccaac gcgtcacaag    240
ttacaacgcc gttacgcaag ggttacaata atgtggacat gttccagagc ccttgtcctt    300
cctttcgcat cctttcagcc ttgaccttct tctggttcaa ttttaccctt aaggtttcag    360
aaacggngaa gtttgctttg gtacagtaag gtagtgtttt actcctcgat attgcgaatt    420
catactccgg acgcccatta tcgtgtcctt ttgacatgat ttgacaagga gagagatcaa    480
aacggatgcg ggcatctttc gtttcttttt ttccctcgca tagatcgatc cttcggcctt    540
gccgggcgct tattccggca ttctttattt tatggacggg ttaccctggt tgtttctaac    600
caaacggttt aataataggg aattaatctt ccctttttac acccccatag gtgaggaggc    660
gaaattgact cacctggggc cctttttcat ttcccacaag gggattt                 707


<210> 6662
<211> 562
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 6662
cggattttttt gttgggagga caatcactcc ttttttttct cccctgacca tctccgagcg     60
gatcatcaat tttcgccgcc tccgttccgt tgcgattctt gccggtgaat atgtcttact    120
acgaacctca aggttggcag gcgcccgctg cgcgccaggt atcttgggaa caacctgttc    180
cccgtcgcg ttcgggatcg agctctgtct ctcaacgcga cgaagttcct gccttttcct    240
ctcagtttga cgaggtggat cgtgctatcg acaaccttgt taagagcgga aagttgtggt    300
ctgctccccg gagggactcg atgcccatga tgatgggccg tccgtttccc gaatacgatc    360
cccgtgtgtc caatactatg tcccagcgtc accactctat tagcgacttc gacggagcca    420
ggatgcaccc gaatcccaac cttcagggt tctatgcctc ccagcgtttc cagggacgct    480
caaatgaagt agagcacatg atgcaagcaa agcgtcggat ggcggcacag cgtgaaaggg    540
agctncgcaa ctatcaccag ga                                            562


<210> 6663
<211> 681
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G
```

- 2364 -

<400> 6663

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caggttgcag cccatggcgg agagcctttg atcaacttcg aacgctaccg cacgaccgcc    60
aagatagtga aaagtcttct tcgcttgatt gatgctagta ctaagtacac attcgcgccg   120
gtgcagggca ttatcgaacg ctgtctttgg attgcatcgc tctcggaaga agaaatccaa   180
actcatagca agcagcttga gtaatcgatc atcattgccc ggcaagaatt cacgagatta   240
gatgaaacgg gagaaaccag acgtcacatt tgatcccttc gaagtatacc cgatataata   300
cccattcata atacccgagc cttttgcttt gtgcgattga tatttgttaa cgactttgtt   360
atttgtgatc atgaactgcg aacacatgta cattatatac ttgcatcggt ctgcctgtct   420
gcctgtctgc ctgtcttttt attttttcatt tttcatttttt gtgctgtttt ggtcgttaaa   480
accttggggg attgttgtta tatgagtatt tgatctgata ttgggttcgg ccatgagnta   540
cttctgcgag catttagcgt tgttgatatg ggattccaat gggtcgaaaa cattaaccgt   600
caaacgcctt ttggttttga aaaataataa aaaaaaatta ccggtggacg catgagcctg   660
ctattatagg gctcgttaat g                                              681
```

<210> 6664
<211> 689
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 6664

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gccggaggaa agcggctcca acgccgtatt gagtttggtg aacgactata tcacgatctc    60
gatcggttga gaacgatgtg cgatgaggtc aagaaacgtg agagggagaa gttgaaggat   120
gccgaaactc ttcggagcat tgtggacact gtctacttcc ctatattccc cttgctgtgg   180
cctattttg aaaaagctca aggacttgac ggcaagggca tcttcagaca ggggttggtc   240
tcgatacgca ccaagctgga agagcgccgg tacacatccg tttctgcctt ctccgctgat   300
cttgctcgcg tgttcacctc ggagattgga gtccagcccg ctggggacac cgccgagctt   360
caaatgcaga tcagcggccg cgctccggag ctcagcctag agcaacgcga gaaacggaaa   420
ctggccaagc gcattatcaa attcattcag cctgccctgg aggaagcgat caagaaagag   480
agcgagttga atcgtaagcc cttcgaacag gagcttaagg agttggatct tatgctcgag   540
aacagcgtta tgtcgcgaag gggctcacaa gccgagtctc tggcggctgg tgatgagggg   600
canggaaaac gagaggttcc ncttgagaat gctgaanagg tcaatggaga tngtgaggtc   660
anctgctagt cggagccctc tgatggcgn                                      689
```

<210> 6665
<211> 682
<212> DNA
<213> Aspergillus oryzae

<400> 6665

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ccatctcata cttaaacgaa tctatctcta caaaaaacca gtttaacctc cacaattcaa    60
acccatccac caatacccaa aatgaagttt caaaccctct gctccctcgc caccttaggc   120
cttgccttcg ccaacccaat ccaaaaccgc ggtcaagatt tcaccgactg cgtcacaggc   180
gtcgtgaaga aaggcgttac ccaaggctgc gcaacccttc ccaaggcatg cggcgtgctg   240
gacgagttca cagcatgtac taccgacgct actgccaag tcactgatat cacggatctt   300
gaccagcgtc gatcagaatg gctggcgtct ttgaacagct gcggccagac cttatgggac   360
gggctgaaga acgcgggagt ctcggaggtt gagttgaaca cactgcaagt atcattcttg   420
gagatgacga gcgagagttt gactagctgc tccaagtctg cgtaggaata tttggtttga   480
attgaggttg gtgttttgtt gtttactggt tgttggctct tgtcagggg aggagtggtg   540
catgatgggt atgatgtttc tgatattcta ttgaagttat cctgtgtcgg gttttgggct   600
acggctatct ttgtatactt agcctttgt cttactttgg atattatatt aatctactac   660
attattgtt ccttcaaaaa aa                                              682
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<210> 6666
<211> 662
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<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G

<400> 6666
cattctcagc cgcctggtta agccttctga tgctgttcat tgattcttat tttctatttt   60
tattcttctc acattttttg gattcgaggc catcttatga tgcagtggct tttgtccccg   120
agaaacccga tccagggact cggtagggca aaggaaatca tgaggtcatc tcacgacaac   180
caattcaatt tcaacgagca gttttgaact accacaaact agtactaaca cggtcgaaac   240
ccagggcaaa gggaaaaata aaccgaaagt gcgtcccacc agtttccgat gaggtcacat   300
tgacagtcca aactcgaaaa gtaaaagaag aaatgaagaa ggcaaaaacg cagatcacac   360
caggaacgag aaacgatgca cagcacccac ccccgtccct cacagatggc gatgatcctc   420
aagcacaacc taaactaaac caaattcaag atgaagttcc gattagtagt caaccaaaaa   480
acactctggt acacaagttc cgatgacaaa gcaaattcg agtccttct agctactccg   540
ggtaagatac tagatagtgc tcaaactcca catggaacac tccattcgat ccggagaacg   600
ccgagcccta acgttgtgta tgggaatcct gatatagagt ttggaacatt ggacttccca   660
tn   662

<210> 6667
<211> 792
<212> DNA
<213> Aspergillus oryzae

<400> 6667
ggatgactca tatgggcgag gcgagctcga gcctccgctg tacctggaga accaacggta   60
cgcgggatgt actaataccc caatgatgac gggctaccag ttccaagatg aggaccttgt   120
tagcctcgac caaacgacca tagcccttca gaacgtccag aagcgcgttg ctcacaaccc   180
cgaacactac cgtcggatcg gagaactcct tgaattcgta cgccatttca ggcgagatct   240
tctgtcctta actccggaac aggcctttga gcgcatgcag ccctgcgaa ggtggctctt   300
ttggcttccc ccggccatgc tccgaggtgg agacgcagac ctaggagccc tcgccatttt   360
ggctcaattc tttggtattg gcgtggtttt ggatagtttg ttccctgacc taggaggcgc   420
atacctcggc ccgctatccg tcggccccat cgaagacatc tatcgaatca ttattactag   480
gagcatgtcg gagccgtaca acccagatct ccagttagcc tcgaccatta tggaattacc   540
tcgacatatc gtcgcccaat ataaaagccg ccttcagtgg tcgccgcgga cctccctcga   600
ctactcgccg tctcccgcga gtccttacca ttctatgcaa gattacactc tggcgtcatc   660
atcctctcct tcctctaacg ctacatgcgc accttacacc ccgctgctcc agtctccccc   720
agccgtgacg atcgctagtt ctccattcga tgtaaatgga agctacgtca cagcaacaag   780
gcggccagag tc   792

<210> 6668
<211> 713
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 6668
ccgatatgat gagggcaatg attatactgt atatcggacc tataatcgtc ccgacttcag   60
cactgacttg ctgctttact cggtgctagc cccggaggct cttcttgcaa ggtttccaaa   120
gacatacatt gtcacaggtg agcgtgatcc gctggaagat gacactgtaa tcttcgctgg   180
gagactgcga caagccaagc tacatcaatt ccgcgaaaga caaaagtggg ctcttgagaa   240
ttttcaccga acatttcaac gaaaaggacc acttggaagt gtaattactc ccaggcatct   300
ccaacggatt cctgcaaatg gccggttttt tccccgacag ttggaaacac ataaccaagt   360

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gcccaacatg aatccagaac ttgtttgagg ccgccgaaag acccaggtat taatccagtt      420
ggttcaagcc attcaagaac agggcacatt attaccaggt ccgaaaatcg gccccaagta      480
ccggtagcca caccattcac agccaaagct tgacggccaa tatcgaagtg agaaagatat      540
aacctttaga gtaaagcttc gacaggataa caccgtagaa cccagataat ccacacacaa      600
agtcgcagtc gaatgcgtgg caccgtncaa ccggacaagc atgttatntt caaaggttat      660
acgcgatggc gggacattta aaggcaaacg gaagccaggg gaaaatccat ccg            713
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<210> 6669
<211> 729
<212> DNA
<213> Aspergillus oryzae

<400> 6669
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gcctattctc ccccacacct acgtccgacc cgtctagccc cgacgaagcg gacaaaaggc       60
ccgccccttc tctggctact gtcgacatgc cgcacctggc gccgccgcac ttccggtcgc      120
acagcagtcc accggtactc aaccctgccg acgaggagag ccagggcgaa gagagcccgg      180
tatcgtatga atcacgggga tcatcttact atgattcccc aggttcgact gagagcagcg      240
agccgatttt ggcgagcgac ggcagtatgc gacaagaagg atgaacatgt gcggagtata      300
taacatcagc cgctttggct atcattattc atattctatg tgaccatacg tgtatccgag      360
cattgtttgg ccacccatgt cactgacgtc actctggagg aataggtttt aatcactaag      420
tgatcaattc attccttggc ggaacagctg gcctgccgcc ggtctgacag atgtccggga      480
gacatggaaa tcctcttctg aggaatatgc ctcttgaagt atgattgctt ataggcatgg      540
gtaatggacg ctcggaatga tgggcactgg taaccgagga ggagagactg aatatggttg      600
catcataaga caagatgggg gtgtgtgtgt atcggcgat gggaggtgga ctgtaacgac       660
gtagagactc tagcgattag cggaacatac ttaacgatcc ttgatgatgg aacgatgcac      720
tggaccggc                                                             729
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<210> 6670
<211> 587
<212> DNA
<213> Aspergillus oryzae

<400> 6670
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cctcgctccg tcttatggca gtgtgaacca gtcaggataa ggcggggaaa agtcttcccc       60
cggtccctac agccgcctgg cgaaggatag aaaaatacaa acaaccctca aacaaacaaa      120
aatggggcgc agcgaccgag acgccatggc ttccaccatg ggtggtttct ccatatcttt      180
tcctttgttc attatctgga ctctctgaat ttttggtcc cttgttctat tcggggaact       240
tgaatggaat acggtgcctt tttccccagg ttcttcggct ttggttcaac ttggactgcg      300
acgcctaaca cacaccaggg ttgcttatga ttgcacacct ggccagcgag gtcgacagag      360
gcgatatcct taatgcgcgc tcgcgcgatc gctatacaaa aatgcaagga gcagaactgc      420
gaaatactat ctggcatttt gtgattgcta gttcagtggt atcctgtgac acttcagtgt      480
tgtcgcaaca caagttagcc cacccccagta ccgacgacac agcacgaaga aaaagatgat     540
gccgaccta ctggtggcaa tcagtttccg aacaccgcgc ttgttgc                    587
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<210> 6671
<211> 602
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)..(602)
<223> n = A,T,C or G

<400> 6671
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cttccttttc cgcttcgtct tccttctcaa agaacaacac acttctacac ttctcgtcct       60
cttccacgtc gaagtcgtca tctatcaaaa tgcaattccg ctccgttatc gccttgtgg       120
ctttcgctac tgccgtcacc gctgctccct gtgacagctg tgatggtggc aactctggcg      180
actctggtga ctctggcaag tgcagcccta accaagaact gaagtgctgc accggtctca      240
cccaaggcct gaacctcggc atcctgccgg ccctgtgtct tcgtaagttt tgaatcttga      300
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- 2367 -

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taattttttat gttcatctat aatcccatat tagctcttct tgccaactgc aacaaccagg    360
ccgcctgctg cgaggccaat ggaggactcc tgaactgtct caccatccag ctctaagttc    420
atcgcatttc accaccgcga gtaacgatac acgggcgatg tccggtgggg gagtgatgcg    480
cgactcggta aatggatatg tcttactacg gttgggcggt gacagtcttc ttccagcatc    540
taggtgtaca cggattgtcc tangtccgag gtgtggaaat tgaaatatta gattacatcg    600
ct                                                                    602


<210> 6672
<211> 649
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 6672
cttttttgtcg cattgtcggt tcaaccgccg ttatcgaacg tgactacgca acattggaga    60
ccttggtgtc gggtttcggc gaggcccccg agcgcaaggt cagaggatgg accaatggtg    120
gcggtgtata cgaggacttc ctgcgcttag cgacagcaaa gagcggcaag cgggatccca    180
ctaggttgaa tcgcttagtg aatgcgctgg ttgcgatggg tagtcagatc agccaaggat    240
cgggcgtcga gggattggag gaacgtgtag ctttcaagga aatgagccgg gcgattgcta    300
gctggacagc gcacgaagat agcaaggcgg tcgagttttc tagcgtgctc agtttacctt    360
tgacgggcga tgcgcgaatc atgcaaaccg ccgaattgag tcgacggtat tacggtatca    420
tcatggcggg tgcctattaa gcgtctttc tctttctttt cgtttatgcc gcgtttcttt    480
acttgtcatc cctgtaactt agtgtanatt cttcccccgt tacaatcctt cttgggttcc    540
gcattctgca gccctttcgt ggtacttcat gatttctgtg tgggtaggta ctttacgaca    600
gtgtgtcagt atgtgaaatg catctaataa gtctccaaaa aaaaaaaan    649


<210> 6673
<211> 682
<212> DNA
<213> Aspergillus oryzae

<400> 6673
cggcacgagg ccgcaaacta acaccatgag cacatatcca actgcatttt gcgccgccca    60
agtcgtgggc ttgactggtg ccgcctggct ttctggcaaa atcctctcct tgagcacaat    120
cactgtgccc gcgcttatac aatcgacacg cgaagataga ttgccgctcg acgctgctgt    180
caaattatgg cggaacctgt ataacagagg caaaagccaa gctcctccta tcgccgctgc    240
cacctccgca gcgtttctct attgtgcctg ggccgttcgc gctagtacga cgctagcccc    300
gttggccccg actcatagct cttctttgta ctgtgttgca gcggctttga cactgggtat    360
cgtaccatac acccttggca tgatgcttgg taccaacaac aagttgatgg acctcgccaa    420
ctcgggtcgg gtggtagatg agaagtcgag cgtggaagtc gagtcattgt tgtcccggtg    480
gctgaagctc aacgccggtc ggggattgtt accgctggtg ggtggccttg ttgctcttac    540
tgcagctatt ccttggccac tggagatgat ttaatttcgg ccctcgctt tggctttggg    600
cttctttggg ggggatttgc aatcgcgctg catgatagta gaattgggtg tcggtgggac    660
tcttggcgtg gtttgcatgc tt    682


<210> 6674
<211> 698
<212> DNA
<213> Aspergillus oryzae

<400> 6674
caaacttgga gattgattga tgcgtcgatc ttactactgt attatcgacg tctaatcaac    60
ttattgtcgc tccatagttc taattaataa cagaagtacg gagtacttga agttctatca    120
atctccctac atcgttttga ctggccttct ctcttcggat tatcgtccct tccttcgata    180
ccctcacaca ttctcttttg actacctagg ctgtcaatgg atattcctca agtgcagatt    240
tccgggcttg ataactctca tggtcctggg gacgcgcaaa aagcggaaac gcgcgatgtg    300
```

- 2368 -

```
gacatggatt cgagtcaaca cgcagcagca acgaatgatt ctataacaca agaagtaccc      360
ctatctagtg caacaacaga gctagaacag acatccatgg aagaagtggc gcctccgaaa      420
agaaaccctg gacttcagtt tctttgaata cttgacgtcg cctattgtgg aacttactat      480
aggaaatgga gaaaccaaga ccaccttaac cgctcaccca agactacttc ttggaatcgc      540
ccttccttgc tggaggagat tcaaaatttg aatagttcgg ggcctctcca catttgagct      600
ttcttgatga aaagtaaaag gccttttggc tctttctgc agttccaatt aaaccggcga       660
ctttagaaag ttctctaaac gatgccctca atggacag                             698


<210> 6675
<211> 682
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G


<400> 6675
cgctctgcta aaaacagggc attaaggaag gttgttttca acgttccgaa aactttggag       60
gacttgcccg gcgtcctcaa ccaggtttac aaccagaagg tcagcagggg caacatccag      120
cctcagcccg agcctgttcc ccctaagatt cctatcgact actcctgggc ccaggagctc      180
ggtctcgtcc gtaagcccgc tgctttcatc tccactatct ccgacgaccg tggtcaggag      240
ctcctttacg ccggtatgcc catctccgat gtcttccggg aggacattgg cattggtggt      300
gtcatgtctc ttctttggtt ccgccgccgc cttcccgcct atgctagcaa gttcttggag      360
atggttctca tgcttaccgc tgatcacggc cctgccgtgt ccggtgccat gaacaccatc      420
atcaccaccc gtgccggcaa ggatctgatc agtgctctcg tttctggtct tctgaccatt      480
ggttctcgtt tcggtggtgc ccttgacggt gctgctgagg agttcaccaa ggccttcgac      540
aagggtctga gcccccgtga cttcgttgac actatgagga aggagaacaa gctcattcct      600
ggcattggtc accgtgtcaa gtcccgtaac aaccctgatc ttcgtgtcga gctggtcaag      660
gagttcgcca agaagcactt cn                                              682


<210> 6676
<211> 728
<212> DNA
<213> Aspergillus oryzae


<400> 6676
caacaacaat caccctccca cttcacaggt tctctttctg atacccatcc ttctgtctct       60
catctactac cactactttc atatactctc ttctatccta cttcatcacc atcacaacct      120
tcttccccat tcttgtttca acccaacatc aatatattac cgttgtcaac catccatcat      180
gggtaaaaag gctatccagt ttggcggtgg aaacattggc cgtggctttg tggctgagtt      240
tctccacgct gccggctatg aagtcgtctt cattgatgtc atggatagcg tcatcaactc      300
tttgcaacag accccgtcgt acgacgtcac ggaggtcagc gaagagggtg aaagcaccaa      360
gaccatcacc aactatcgcg ccatcaactc caagacgcat gaggccgacg tcgttcagga      420
gatcgcatcg gcagatgtgg ttacctgtgc tgtcggtccc aacatcctta agttcatcgc      480
gccagtcatt gccaaggta ttgatgcgcg caccgaagag agacccgtgg ctgtgatcgc       540
ctgtgagaac gctatcggcg ctacagatac cttgcacggc tacatcaagc agcacaccaa      600
ccctgaccgt ctggagaccc tctctgagcg tgcccgtttt gccaactcgg ctatcgaccg      660
catcgtcccc aaccagcccc cgaacagtgg tctcaatgtt cgcatcgaga agttctacga      720
gtgggccg                                                            728


<210> 6677
<211> 669
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(669)
```

- 2369 -

<400> 6677

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gcaattcctt cgacattgct cgaaaaaaaa caacgtgtcg ctctcacgta gaactgtgtg       60
cgaccacttc aggtcagtat gaaacccaca acagctgcaa ttgctttagc cgggttgctg      120
tctggcgtga cagcggcccc aggccctcat ggagaaagga ttgagaggat tgatagaact      180
gtgttggaac gtgcattgcc aaatgctccc gatggatatg taccgtccaa cgtcagttgt      240
cctgcgaatc gcccgacggt gcgtagcgca tcatccgggc tctcgagcaa tgagacctcg      300
tggttgaaaa cccgacggga gaagactcaa tctgccatga aagatttctt caaccatgtc      360
acgattaagg actttgatgc tgtccaatat ctcgacaacc actcgagtaa cacgtccaat      420
cttcccaata ttggtattgc ggtgtctggt ggaggttatc gcgccctgat gaacggtgcc      480
ggagcgatca aagcgtttga tagccgaacg gagaactcta cngcgacggg acagttgggt      540
ggtctgctac aatcggcgac atatcttgct ggtcttaatg ggggtggatt ggttggggg      600
tccatctata taacaatttt accaccattt ancacttgta aaccattaag aatgtgttgt      660
ctggcattt                                                              669
```

<210> 6678
<211> 228
<212> DNA
<213> Aspergillus oryzae

<400> 6678

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aaccgagaag caagaggagg ctgcgaagaa gaagacagcc cggactagca ccacgacggc       60
ggccatccta acacgaggtg gtggcgagtc cggcgacgcc taggagtagg ctggtttagt      120
gaattagagc tacacgcctc ttgttgacgt cctacacacg ttttttcctt ataatatcgg      180
agatcttgcc gaagcgactt tacgacaata aagaactctt tccccgtc                   228
```

<210> 6679
<211> 669
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(669)

<400> 6679

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ccaacttcat tttgcatgat ctaagtatcg gcgtcatcag ctctggatct catatcgaac       60
ccgtgctttg gattgaacac cgaggcagcc agctaccaaa gcgtcgaaga caagaattcg      120
tgcaaagggg acgcagggtt gaactgatgg ggtcctccgt ctcacaatgc cgataggtgc      180
gcgtcaaaat ggcagaagcc acaggcaagt tcacctccag catcgcagct ggttttccca      240
gcttctctcg ggagctccac cagacacact ctccttctcg atgtcaatga agaaaccttc      300
cgcgttacgg gaaggcagtc aaaggctgca ggatcgaatt cccgcacctt gtacctcagg      360
ttgttcttcc acggnccaca nagatgagta gcagacaagt acagtaattg tagttctggg      420
gtttgtcttg tacctcgttc cggttcagtt agaatggggc agatatacat caannnnnan      480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      540
nnnnnnnnnn nnnnnnnaan annnntnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      650
nnnnnnnnn                                                              669
```

<210> 6680
<211> 685
<212> DNA
<213> Aspergillus oryzae

<400> 6680

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cggttatttt caaacctgta tggaacattg aggaacatca ggctagtgtc atcgttttct       60
attcgttgaa tccgtcattc acatcttccg taccaagaga atcagtcacc cttaagaatc      120
tgattctgac ggtgaacctg gatacatctc ctgaggaggg ccgagaagtg gcccatgcta      180
```

```
cgagtgccgt catgtatcct aatacggggg cgtccttccg tcgcaagcac tcggcggtga    240
cctggaagtt gcctgagttc gaagttacag ctggatctga cggcaagctg ctggttcgat    300
tctcaacggc aactagttgg ccaagaaaag ggaaggtcga ggcaaaattc gaggtccata    360
ctcttgatgc tggctcgcga ctgggaatca gtgccgcgtc gccaacggag gagattacgc    420
caaagggatc tgatcctttt gcggacgaag actccggcgc acctgacgat gctcaaccct    480
ccctaacatg gaaagaagtc cctactactc gcaagctggt tggaggtaaa tatgtctcat    540
cttagcagac tgttgtgcta cattagagcc gatggtcctt aatgaggacc tcagtgtcac    600
gagaacagca cctttctttt gcaccttcta cgaacaaatg atgaccacag cccgcccgac    660
cggttccagt ttcgagatac caccg                                          685
```

<210> 6681
<211> 652
<212> DNA
<213> Aspergillus oryzae

<400> 6681
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tccctcggcg aatattttgt gcttagcgaa ccaacgcttg gcatactcga taatccagta     60
gctctggtag catctggatc aacaagcaat gctcctgtgg tgctaagttc tttccgcgat    120
cgaactccgt ctcattacaa caaacgatat ctaccatggc cagcgtatca catactcacc    180
cgcacgggga tctacgcgat gacgaatcaa ttcttgatga tgatgttatt gaagccgatg    240
acgctctcga cgctgatgac ccgttacacg ataccgatac cactcctttg agaggcaata    300
ttcaagccga ggcatcgagc tctcgaggcg gaaatctttc cggcaattat ctgacctctt    360
caatccccgg cgaggaccgc cgcgccgctc agaacaccat cgatgaaacg gtctgggaaa    420
cggtgtcgcg cgacctactg gcaatctggg agaagatgcg ccaggttctg tggcccaaat    480
acctgatggg tgggatgctg caccggggtg gaggaagcat ttgcggtgcc gcccaacgaa    540
gaaaagccac tgggtttggt agcggtggtg gtctgaagaa tctcgtgggc cgctggcccg    600
gacgccgata ctgtcttgca aaggcggaat gagtgaaggt ctccctgact gg            652
```

<210> 6682
<211> 670
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 6682
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gcctgtacga gctacaaaac ggcagcgggg cataagatat aggtctcaag agtttattat     60
gaggagagtt tagttcttca aagcggtcat ctatcctacg ctcacttctt agaactcact    120
tcaagctatc ccgtacctcg aacatggcgc atacaacagc agtagtcgct cctttctcct    180
ctgtctgctt ttcaacagga aaaacgtccg gatatttact aatttaatta gtctgcacag    240
attccgcaac atgtcacctc tctcctttcg catctaacat cgcgccccgg agttcagtcc    300
actttcatcc tttcccgcaa agatgggacc ataattcaga gcagtgggct gctagcgacg    360
agaccagcgg gcaacagtag tccaaatgtc tctcaggtcg actcagctgc cgaggaacaa    420
tcggtagaga gtatgacacc tgccgaatca cccacccctt caacaccgtc tagcgccact    480
actcctaacc gtcagacctc ctatcaaccg tcccaagcag aagcgctagc agctcgcatt    540
tttgcttttt gttccagcgc gtcngatcta agtttgtcgc tctcgcgacc cctggacaaa    600
aacgcccacg ggtttcaaaa cagactcgaa cggcttacaa gaaaggctng ggcacggaac    660
atcaccggan                                                          670
```

<210> 6683
<211> 254
<212> DNA
<213> Aspergillus oryzae

<400> 6683
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ctatgggttg ggatgtatcc acttgctcca agaagtttga ccgtcttgcg cggcgtattt     60
ttcgcgagcg ccgacaaccc gctatatcgt ggctacttcg cttgattctc cgtcgcgatt    120
```

```
ctctcttagg cgacattccc aagtggttat catggttttt ccatgacagc tgctatgatg      180
cgaggctatt cgacgactgc ttacaggagg cattcggtgg agacaggcgt atttttgagc      240
cagtcaaaga taag                                                        254


<210> 6684
<211> 655
<212> DNA
<213> Aspergillus oryzae


<400> 6684
ggcacgcacc aacaggctac tcatgtggta gcgccagtac caggtctatg gttcaggcga       60
gtctattgca tatcatatgg gacacgcagg ctcccacgat cgctaccctg ctagagcagt      120
tttaagtctc ctgatgcaga agactaacgt tggtcaatat acatatcaat cattgacccg      180
aatccttgtc gtactttttt ttttgttttt cctcagcttc cacccttgtc ggtggccact      240
ttttacacct gcatcgttca acgccggctc ccatggcgcg tttgatctag acagtacggc      300
cattggaaga taatggctat caaagtacct cctggtcaat caccgccatt cgaaacggtt      360
gacggtgacc accatgcggg aattatcatc atagtgtccg ctatttgtct ggtgctgtcg      420
ttggtgtgtc tggttatccg gctctacgtt cggttcttgc ttagtcctcc gttcggcatc      480
gacgatgtga ttcttctttg ggcgactggt tctgcggttg tggagtcaat tattggtttt      540
catgccgcat tcatcggatt cggaaccgcg attcaacctc ttgacgatca tgtacgttgg      600
aagattcaaa aatccggtgg cgcgagcgac gttttttacc taataccctt ggacc          655


<210> 6685
<211> 865
<212> DNA
<213> Aspergillus oryzae


<400> 6685
cgaaacagat cctcctcgcc tttctttaaa cttgttattc cacctttttac tgcttgggac      60
tctccgacac atggtttgaa gaatggcaaa ctttcatccc ctcaatttta taccaaagca      120
ccgccaggcc cagattctgg agtcaccagt gcagtctctg attgctgtgc cacacagcaa      180
aaaggctaac acaaatcatt ggtgtctcta cctcttgaca tccgaccgga gctctgtcag      240
aatcgattgc cagcctagct actccgtccc aagtaccatt ctccctggag gctccaaagc      300
ctatgtaatc atctctgagc tgtcatatac tgtgtccaag gatgctcaag cacaatttct      360
tcttggagtc gccccggcc  tgaaggtcag gcatttttac gatttgctga tcgagaatgg      420
acggcacaaa tacgaattcg attcaaacgg agttggttgc agattttgga cgacggatca      480
gatcaatctg ctacaccagc atcggcttat cacggacacg gcacaagtta cagttgcaaa      540
gaacgggatt cttaaactgt ggcctgatca gacacccctc gaactcgacc ggggagccta      600
ctactagtgc ggatgtcagc aggcagatgt ctgctttgtt gttccttggg ttatcaggtc      660
acctagcttg cgaggaacaa atgcgggcaa ggcagcatct tacgcatttc tggcagtttg      720
gggatctcgg acccgagccc aactcctgtt cagatccaca ataccgttga agattcgttt      780
tatatgccat gctattttct gtgtcttctt tttcgagtat cttgtcctgg tttgttacgt      840
ttctacttgc tgttagaaag ataac                                           865


<210> 6686
<211> 716
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc feature
<222> (1)...(716)
<223> n = A,T,C or G


<400> 6686
ttctgtctgt atcgatcgcc tatataacaa gcgtctttga gccttcagcg tcgtgtgcta       60
tttcatgttc cggactgacc ttaataatta ctcaatattg tttgcattcg ctctctgcga      120
acgaccaacc acagtattac aggaatctaa tcatccagga caagaaagta ccaactgaaa      180
cgctctatta cagtggaata cacaatgact ccagtgcgca ccacaacatc acactctcta      240
caagactcac ggccgaagac caactacgag cgatggctcg aagaaaaaga cgaacattat      300
```

```
cagattgcgg aagatccaga ttaccatccg cccatccccg gtatccatgg ccaaaacccg      360
atattccatc atgtccccga caacagtcct cctgaaacgg ttcactcgac gaagcccgat      420
gcaacacatt tacaaacgca tgggtttcat ggagagtttc tacacggact gaatgcacga      480
cggccctccc ttctgaacgg tgctgccacc gacgttctcc gggagccatg cgtatggcag      540
ctggcatcag tgttcgtcgt gattgttgct attttacacg ccgggaagag tcttcgaaag      600
cgacgtaata gtgtaagggc cgcttcatca cctgcatcaa ctcagcctat tgctccagct      660
cttgatgaaa aagactagtt tgagctgaga catggcgcan nacgagtgcg cgccca          716
```

```
<210> 6687
<211> 696
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(696)
<223> n = A,T,C or G

<400> 6687
atcagtgcga tacgcacgag gctctgttac agcccaaggc ttatcgctgc aacaacaaca       60
acagcagcat cagcaattcc acacccttc gactatcagt gatacctccc gtcatgtctc      120
cccgtgctca tcaaccattc cccgatgcct aatatatagc tgcctccgtc gccccatcac      180
gcgtgaacac atgggacctt ccgggatatt gcttgcaaca gcccgtcgta gattgcgagc      240
tttcacaaac aggtgtatct caaatggccg gggcccatct tctggatgga atgcccaacg      300
cattaatgac gctagataat cccggctcgt atgagattac gccggaggtc tttgaagcat      360
tttcatatgc tgagcctatt acgactaata tgactcctgg atgacagcca caaggacggt      420
gcggaatgag tcaagagtag cggcaagcga ggattggaca taatgcaggg acaggagctg      480
tccgcgaacg gagctatcct gggtggccaa tacctataga agaagtatga ccatttgact      540
aagactgtgg tggaggagac aaaacatgac tgtaggtggc ataggtggaa tctctaactt      600
ctaacggata cacatacata gaagcgggta ttggacaaat aaccctctca ggaccctgat      660
ntctgcgacg gttcgaacgt catgtgtaga gtgccn                               696
```

```
<210> 6688
<211> 683
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G

<400> 6688
 gacctggat cggtccaact gccccgggtc accaaaagca ttttgaaagc aacatccacg       60
cgagtagttg gcaatacacg ctggatactt ttgaggcggc acgaaccaga ggtatggaaa      120
ctttgggaat gtacaatgca acgctacaag cagatagctg ggatggtatg cactatggtg      180
agaaggaggc attgattcag gcaatgatgg tcattaactg gttggcgatg ctctaaacgg      240
tgggactgga tcataatgtt atagacgtga tgcggcatgc tagatgacat gtcaaggaca      300
catgacttct ggtttccatt ctgtttgta tatggcgtgg tgaggtatgc aataccttc       360
cctctacggg ttcaacttcc ttgaagtcct gcttcaggat ccttctcttc ctgttgacca      420
tattgctaaa ccatcttcac agtttacata aatttttcat cataaacgag attgacgcat      480
ttaacgacaa cttcatttct gcatgcttgt tgcatcacag cgctacttct ctntcttttg      540
attcccaaca tgtgttttca aataagttcg aacagaanaa ttgatagaaa agaaagacca      600
gacccacact tcataatgag tcctacatgt atgttgcaga tgcaacaatg nnncccatt       660
atgaatccca ccnaaaaaaa aaa                                             683
```

```
<210> 6689
<211> 667
<212> DNA
<213> Aspergillus oryzae
```

- 2373 -

<400> 6689

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ccgctgtgtc gatcacttcg caatagagtg tgagggagcg agtcattatc ctatcctttc      60
ctggtcaacc gatccggaat ttgtcagaac gccccaggat ctacccgagt ctttgtcttc     120
tccgcattgc ctcatcagtc aggctgagac tggctgcgac acttcacccg ccgattcgcg     180
acatatcacc ttctcattcc gggcgcaccc tcttacctca aaatgccgaa cccatcgcag     240
ctctttctcc ttgcagacca tatcaaactc tctctcttag aacgacaacg agcgatctca     300
ttggatttgg aacccaacag ccaagacgga gagatctctc gctctttgga atcgttgcac     360
gacggcatcg aggatgtgga gagagacctc tctcagttgg agcggaccaa cgatgatggc     420
gccgccgagc tgaaagatca gctattccat ctgaaatcgc agtatcaaga tttgtcgtct     480
cagttcagcg gacacagcac ctcagccggc gccagcggct cctctccatc gcctgaattc     540
gccaatgtca aatcgtctcc tgacctcaaa caaccagtcc cgcagcaccc tccttcaaag     600
tcagttcggt ttatgaactc ggctactgaa gaagccgatc tcgagcgaca aaaccttttc     660
cagccat                                                                667
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<210> 6690
<211> 695
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(695)
<223> n = A,T,C or G

<400> 6690

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gggagacatt tacacacttt tgacatggac acagtaagct caaccgaaat aatcaatcat      60
caacatgatc aattggtata tcgagtcatc ctaaccactg ccaaggctgg tttcaaagcg     120
tctgtcaaca agtgccatga aaacagttgg cctcgggaat ctgaaataga acaagccata     180
atggaagaca aaaagcaaaa gaccccaccc atgctttatg atgcaccctc tttaacaacg     240
ccggtcctgc ccaaaatcac gataaacaac aaaacaagat cgtcatgacc gttccatatc     300
tctttagat aaaagcgaac gggtatatct catacagtga gctaagaaaa aagcaggtgg     360
taaggaatga tggagtagtg tgcaaggtgc angggtgtgg agtatcgggg aatgacttca     420
aggtanggag acgtaaggaa tcccggtcat gttcacgcag tgaacacccg gtctaattgt     480
cggagggccc gcatgtcctc tcctncgaat ccaatcttct cgctggggat atcgcgtggt     540
ccttcggctc gtcccgatga tggcgcggtg atcgccggca aagagccact agctggcgtg     600
ccgttcatca gagcctcaat gctgggcacg gntgtgccaa agctngctgg gtcttggcgg     660
tttaatggta gtggcttgga agaaagatgt gtccn                                 695
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<210> 6691
<211> 655
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 6691

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tggggttgac agagaagcta ttaccaatca gatgggtgcg ctgcgtaacg catacacaga     120
gtcctatcaa cctttcgggc agggtcttcg ccagccggaa tctggtttgg gtgcgctcgc     180
tactggtgat cctttttctc cctacccacc aacagcatat ggtggcttag agtctagcta     240
tgttgattat gcgactagtc ctggaacagc tgctggtcct cgtattcacc agtctcctgc     300
agattgggcg ggccgcttcc agggactgtc tctaggttct tgaggctgac cctataccct     360
gctattcgca tagtggtgtc gtatgagctt gagaagaaga gtgttcgatt atggaaacag     420
tctagcctga tgatgccttt acatcctttc agtcttctcc agagtgttac attgttgcga     480
ccaaagcctc acctgttgca tacgttcatt cctctatggg gcttagttga cagaacgana     540
taacgtaaga caactggtcg ttatgccatt cgttccactt ttttttttta tacacccctt     600
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ttccccagg tcacaaatgc tttcttcaa ccagaacttg actaaattct catcg            655


<210> 6692
<211> 627
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 6692
ccgattttca tcgttctaaa cgatcaaaaa tggttttcgc tcgtgctaat ctccttcgcg      60
catctgctcg cgctgtcaga gctgcatctc gtagacctgc gcagcaagtc gctcgccgca     120
catacgcctc cgagtcatca cacagtgtcc agaaatccag tgacctgcca tggttactag     180
gatcggtcgg cctaggcgta ccggctgct  attacttgct ctcctccggt cctgaaaaga     240
agcccacgg  cggccacggc gaccaccatg aggccgtgaa agaaacagag aagaaagagg     300
aacaggcccc tgcgggagaa tccgagcccc aacccgatcg ggacgcggag cagaaggtcg     360
acactgaggc ttcttcatct tcatctggcg agaagggtgg atcatttggg gagccgccat     420
ctaatggtga tgaggctact gcccgcggcg gaaccggagg accagctact atctctggca     480
agcaggaggg cgtctacaat gccgacactt ncaacccgta tgtgaatgag ccgggaaaga     540
gccacatggg cgagggagaa accgagactg ctaatgtgaa gggcactgtg gatcccgcac     600
gcccccaggc ctagaaaacg gcattct                                         627


<210> 6693
<211> 853
<212> DNA
<213> Aspergillus oryzae

<400> 6693
tgacatgagc tctatccgaa ttcggcacga ggcggagtgt tcagaatagc atgctcacca      60
atctcaacat tagtggtctc aaagttgagg tagctcgcga tacacatcga catgtaaaga     120
aaacactgcc tccatcattg agtagcttcc ctcaaatggc agacatcaaa tattacgtca     180
aagcgacagt agttaggccg cagttctaca aggaaaatat aaggacgatt accaacataa     240
actttcttcc catcgaacca ccgaggacgg gcaatccggg tgaagaaaca tatgcacgac     300
gtcaacatgg atttgcgaaa tcccccagca catcaaagat gaagagtttg ttccaaaaag     360
gctccagttc gtctctccga gattcttccg gtgactcgcc tcgcgtatcc gcagatatca     420
gactaccaaa tccctcgata cttacatgta acgaaccaat cccgctacgt atccttgtca     480
gcaaaacttc ggagtcattt gaaacgatat tcttgcagac actgcaaatt gagttaatcg     540
cctataccaa aattcttgcc catgatctaa aacggaatga aacaaacact tcagtcatct     600
tcagccgcag taatatggcc attccacttg ggagaggagg cgatccagtc ggcactgaat     660
ggactatcga tgctagtatg tggagccaca tacctctccc gagctcggtg gcaccaacct     720
ttgaaacctg caatatctcg aggacatatg agttagaagt gcgggttggt ttgagtcatg     780
gcactgtcgg caatatgaaa ccccaactca ttgtactgcc gttacggatg cctgtcaaag     840
tttactctgg aat                                                        853


<210> 6694
<211> 646
<212> DNA
<213> Aspergillus oryzae

<400> 6694
cagacgaagt ctatccgggt acaaactaac cataatgtt  gcccttaccg atgcaaaact      60
ccgcaaaagc tccgccaatg ccgaggccat tgaaagctac aaggctctca tagagacgac     120
caaagctgat cttgaggccc actggaagc  catcgacgac aagctgcagc tcattgtggg     180
gaaaccgtg  accgcagaag actcagatgc cctggaactg cggcgaatca aggaagagcg     240
cctgagcaca gtgaaatgtc ttcaaatatg taaccagtta ccgaccata  ttgctcagat     300
ccagctctca accaagagca atgacacttc cggggatca  tcgggttccg atgtttaccc     360
agaaagagtc accgacgaga gcttgcagga ctgtaaaact aaactcgccg acacgatcac     420
```
                                    - 2375 -

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ccaattggaa aagcatatgc aagccctgac ggaccgatta ctagtcaagt cgaaagcagc      480
tatgacgtct gagcaagaca ttttggacct gaaaaggcta caggatgagt ggcaaacgcc      540
caacagtgca tggacatctg ctccaaaggc gatacccgcc taaaggaaat atcagcaata      600
tccataacta cggcacgggg gagccttgca attcatggtt tccaca                     646
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<210> 6695
<211> 665
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 6695
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ccgaagttga acgggcaatg tcgcctgccc tcggcgatgc caatcgcgtg aaatcgccca      120
ttatcagatc tcctgtcggc tctcctccgg ttccaggtct cgcatgcaac gcgccttcgt      180
caccgagtca cttcggcggc aggggtcaac caggaacaac tgggtttgga aacagtggct      240
attgcggaga tgtccaaagt gggaaatgga atatgggagc tttcgatacc agcctaccca      300
tccgtatgga ttttgaagct atgctggcat atctgcttct gcctcctgcg ggtggtggct      360
tccctctgct agctgaacac aaaagcgatt atgttcgctt tcatgcatgg aggtcaagcc      420
tgcttttttaa cgcgatggtt atccctcatc tcatatttgc ttgggcaagc gtcttctcat     480
ggactctgtg tctatgcgat atggccatga acgcgttntt gagcatgcgc gcttatatcg      540
acggtgacac actctgtaac tatgaaaatt ccgagatttg ggccgctggg gaactacctt      600
ttgtgtggag acgaatacac ctaatctcct tttaaggggg atgcgttcgt tttatattac      660
ccccc                                                                 665
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<210> 6696
<211> 671
<212> DNA
<213> Aspergillus oryzae

<400> 6696
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ggaaaacgct gcccgtgggg gtccccttta gctttgtaca agaatttctt tgtaataaga       60
tgcttggcaa gggggggtagg agcgactcaa ggccttatat tctcgttcag ttcattacat      120
atacaccgag ggacatacgg ggcatcttct cgttttatgc tactactttg gagtggtcga      180
gcgcgtgttg catgtggtca tttgctttca ctttactctc cttttcttcg agcactctct      240
attttaatga aggcgagcac acagctcgat ccgacaagta tgatttgact ctctcgcaatt     300
ataccacaaa catcatctcc agtcacccac gactatcatt tccttttct tttctttttct     360
tttttcttcg tgcatgaaag aatgttgtac actaccttcc ctgggcgtct catttcgttg      420
tatttcctac actgtcatct ccactgtttt gtgacatgca tgccctcctt tgacacattt      480
ccttatttc ttttcctcta ctcccttgtc ctcagccatt ctgtctgctt ttactattat      540
gggctctggt gtggaacatc ctagtagccc cgaaatctct acgttcatgg tctggtttct      600
ggcgcacaaa aagagcagga gtctgattta ttcggttgat tgagtgatct gagttggctg      660
ggttcgcgtt t                                                          671
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<210> 6697
<211> 255
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 6697
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- 2376 -

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tgcattcgcc tctctcctgg ccatggccca ggcccatccc tcgggcgcct ggtggggcac      120
ggatgattgc tatactagcc cggataatac caataatgaa tgctctgacg agatgcgggg      180
tggattcaac tgggctggcc tcgccgtcgg ttcttttgac ttcttcgccg gcttcgaatt      240
ctctgggttc tcttn                                                       255


<210> 6698
<211> 669
<212> DNA
<213> Aspergillus oryzae


<400> 6698
catccccttt cccaccgtgc cctatccacg gatggagcct ccggcccacc gcgagaagaa       60
gatgaaagtc ctggcattag gcatgtcccg cactgggacc atgtctcttt acgtcgcgct      120
caaggaacta ggatacacgt gctaccacat ggccgaatgt aatcttgatc agcagaataa      180
ttcattatct ctttggaacc gtgccattga cgcgatattc aacggaatcg gtcgcaaatt      240
cgcaggtgcc gactttgacc agatgctttg gcgctatgat gtggcttctt acctcggccc      300
gatgcacgta ttattctgac caccgcccc gttgagccat ggttggcctc catgcagcgc      360
accttctatg ccattctgag ttggaaacgg tggggaattt tggagttcat tgatcctgta      420
ctggcgcccg cccctcattt gtttccctgc tagcatggtc cacaagacta acattgcccg      480
atacatccca attctacggt cagcaccgtc tgtgtggact aaaggaaact ggcgagacgc      540
ttgccgtcta cggaatggct tcgctgccca ttatgacctg gttcgcatcg ctgaaaaaag      600
gcgaggccgc gaaggtctgg agtttaaagg ccaggatggg tggggccccc tttgccagtt      660
tcttgtaaa                                                              669


<210> 6699
<211> 459
<212> DNA
<213> Aspergillus oryzae


<400> 6699
aaacccaaag aatatttctg gattttggtt cacatgactt ccgtttaaca aagcccccc        60
ctccaaatgg gggttttgaa aaatttcccc aaaaggggt cccacccgga aaattattct       120
acccttttct tgatttcccc atgagtccca tcctgtcccg gtccctgtcc ctggagctga      180
acctattaat tgggcccct gggctttaa tgattccatg ccgggagtaa tcatgtcaac      240
tttttccccg ttcaaagttt ggggcccccc aaaatccccc gtgggcttgg gaataaaccc      300
ttcccaaccg gtaaagtcga ggggagtccc cctccccgtt tgatttaact gggaaaaaaa      360
cccctttta aatgccccga atgggccggc ccccatactc atgtttactg ggcttctaat      420
tttaaaaaag ggttttgatt gttgatgggt ggtttggtt                             459


<210> 6700
<211> 667
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G


<400> 6700
gatgatgcgt tcttagacaa cattgccgct gaagttgtgt acaatgttcg tcgtgtcaac       60
caccatcctt cgttggcatt atgggcaggt ggaaatgaga ttgagtcact gatgcttcca      120
acggtcgaaa ggaaggctcc tgaagagtat gcgaagtatg ttggggaata tgagaagcta      180
tatatcagtc tcatcctgcc tttggtttac caaaacaccc ggtccattac atacagccct      240
agcagcacaa cagaaggcta tctcgacgtc gacttgtctg ctcccgtgcc tatggtggaa      300
cgatatcaca atactacacc tggatcctac tacggcgaca ccgactttta caactatgac      360
agcagcgtct ctttcaactc tcatgtctac ccagtaggtc gcttcgccau tgaattcgga      420
taccacagca tgcctagcct gcaaacctgg cagcaagccg ttgaccccga agacctccat      480
ttcaacagca ccactgtcat gctccggaat caccactacc caaccggcgg taccttcacc      540
gacaacttcc acaatacatc tctatgcatg ggcgaaatga caatcgcagt gcagcggtac      600
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taccctattc ccaacanact gtactccgtc gccaacttta acgcctggtg tgacgccaac   660
caaactt   667

<210> 6701
<211> 675
<212> DNA
<213> Aspergillus oryzae

<400> 6701
cttgctcgtt atcttcgagg tcatgttctt cctcgagggt tggtcttggc ctatgtgtgt   60
gttgggtatg atctcggcgg ctgcaatcca gcgtttcgtc tacaaactta tcatctcact   120
tgccttgacc cgtgagttca agcatgatca atccaacatc gcctgatgga ctggaaagtg   180
gtacagcatg ggctggcact cattttccca gccgggtcgt gaattcctgt gcaagatcac   240
cgagctcggc tatttcgctg ccgacttcgt ccttggccat ctgcttcttt tcatcatgct   300
gcctgctctc tgtgttccct acattgacaa gtttcactct gtcattcttt tctggctgcg   360
cccaagtcgt caaattcggc ctccgatcta ctctttgaag cagtctaagc tccgcaagag   420
aagagtggtc cgtttcgcaa tcctctactt tgcgatgttg ctcctcttcc tcattcttct   480
gatcgcgccg ctggtcgttc gcaaactgaa catcaatctg acgaacattt caatgaacct   540
cttacaaccc cttgacgaga aacacaacaa cacccatttt acagtattac cggcaatgga   600
cttcccaggg gctcagcggg atcccgcgtc ggtctagctt ccgtacaact aacgaacaat   660
ggttctgaat tcccc   675

<210> 6702
<211> 597
<212> DNA
<213> Aspergillus oryzae

<400> 6702
tccttcatca agaaattccg caagcacccc aacttcgtcc ttcccgatcg ttcggacgtc   60
accatgactg tgcccttcat ggatgcctat gtgagactgt tgatcaagac ctgccaccgt   120
cgtggtgttc acgctatggg tggtatggcc gctcagatcc ccatcaagga caaccaggct   180
gccaacgaca aggccatgga gagtgtgcgc gccgacaagc tgcgtgaggt tcgtgctggt   240
cacgacggta cctgggtggc tcacccggct ctcgccgcga tcgcctccga ggtattcaac   300
aagcacatgc ccacgcccaa ccagctcttc atccgccgcg aggacaccca tgttaccgcc   360
aatgatctct tgaacaccaa cgtgcccggc aagatcaccg aggagggtat ccggaagaac   420
ttgaacatcg tctctcgta catggaaggc tggctccgtg gagtcggatg cattccgatc   480
aactacctga tggaggacgc tgccaccgcc gaagtgtctc gcagtcaact cttgcaatgg   540
acctaccacg gcgtcaccac ggccgagggc aagaaagtcg acaaggcata tgctctg   597

<210> 6703
<211> 707
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 6703
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cgtcccctcg ggtctagaca cccttggaag attatctgca cagtcacttt gcggagcctc   120
aggtagttcc aggtatacaa tatggttgtc gccactatca agtgtgttgt cgtcggtgac   180
ggtgctgtgg gcaaaacatg tctcctgatt tcgtacacaa caaacaagtt ccctcggaa   240
tatgttccta ccgttttcga taactatgct gtcactgtca tgattggcga tgaaccgtac   300
actctggggc ttttcgatac tgctggtcag gaagattatg accgtcttcg tcccctttca   360
taccccaga ccgacgtttt cttggtctgc ttctccgtga catcccccgc ttccttcgag   420
aacgtgcgcg aanaatggtt ccccgaagtt cattcacatt gccctggtgt ccctgtcta   480
atcgtgggca cccaaactga tttgcgcgac gattctgctg tgcccgaaaa gctttctccg   540
gaagaagatg cagcccattt cgtaaggaag atggagaccg gatgggcaat gaattggggc   600

- 2378 -

gcgtcaaata tgtccaatgc tccgctctga cccaatataa actcaaggat gtctttgacg 660
aggcaaatgt tgccgccctc gagcctggtc ctaaagaagt caaagag 707

<210> 6704
<211> 1273
<212> DNA
<213> Aspergillus oryzae

<400> 6704
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ctgtgtggtc tctttccccc ctgattattt gccgtctgg ccactgtgca ttccgagacg 120
tgatcacgcc cctcgttcaa ccacatctcc ccattcgccg tcttctgaat ccaagttttc 180
aaccctattt ctaccgcttc cctctggttc aattctcaga cgaccgagcg acatctcttt 240
tattcgcagt gcaactggtt tcattccgtc taacatcgca ttattcccag acctttgaga 300
atccctattc gccaccgcca tcatgggtct caccttctcc aagttgttcg accgcctatg 360
gggcaaaaag gagatgcgaa ttctgatggt cggtcttgac gcagccggaa agaccaccat 420
tttgtataag ctgaagttgg gtgaaattgt caccaccatc cccacaatcg gtttcaacgt 480
cgagactgtc gaatacaaga acattcagtt taccgtgtgg gatgtcggtg gtcaggacaa 540
gatccgtcct ctctggagac attacttcca gaacactcag ggtattatct cgtcgtgga 600
tagcaacgat cgcgatcgta ttgtcgaggc ccgggaagag ttgcagcgca tgttgaacga 660
ggatgaactc cgtgatgctc ttctccttgt tttcgctaac aagcaagatt tgccgaatgc 720
catgagcccc gccgaaatta cccagcagct tggtctgcaa agtctcactc gccgtgcttg 780
gtacatccaa tctacctgcg ctaccaccgg tgacggtctg tacgagggtc tcgagtggct 840
cgccgatgct ttgcggaagg cgggccgtga ttaaattgtt ataatgcgat gagtgaaaga 900
atacctggac gtgtgactgg gagttgggga tgatggatgg gggccaaacc ggaaaagaca 960
cctcgcgtag ggatgggata tgctacttgg tggtgcttgt atgttctcta acggctcttc 1020
attcttctat gctatttagc ttttattgtt ctctttcatc ccggcgtcga tcctaacgaa 1080
atactccttt tgtgccctga aacctcatat cttttcattt tcttttttggt ctccatgggt 1140
tttcttacag tcaagatttg atatttatga tcacggagaa cgggtttagg ctccagacgt 1200
catatgtatg tcgacgcatc ttatcagttt agctgaacat gtagattttg tggccagtag 1250
gctcttgcta tcc 1273

<210> 6705
<211> 621
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 6705
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tacaaagcca tagcacactc tcgacatgcg catatgacgt tttgccatct ctattcttca 180
gggaaaaatt aatcccctct acaagccctt acgtataaaa gtgaacgcgc tcagctgaat 240
cgattgcctc ggggaggtcg gaacggttga gcagcctcgt attttccttt ctccagcacc 300
cggtctgctt cggattcggg ctcgtgacga gttggggcag gatcgtggct ggcctctgcg 360
cttggtgagg ctacatcgtc tgctgcgctc tggaactgcg ccatgttggc ccgtttcaag 420
ctagggatt cggacggggt cgggactttc tcgttgtagg tcgactggcg tcgtactcg 480
gcttccatct gcgcgagctt cgatttgcgc ttgttctctg cttcatatcg agcagctcgg 540
tccgcattaa tcgatttctt agcgaaataa taggctccgc cgncagcgac gcagagagta 600
ccccagccta cccaggtaga t 621

<210> 6706
<211> 677
<212> DNA
<213> Aspergillus oryzae

<400> 6706

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ggaaagaaaa caccaccaag tgtttacaaa acggcaccgc agtaatggct ggcgtagccc      60
ctgattctac aacggctgca ctggctggcg aagtccccaa agagactcgc agggatatcc     120
tgggcgacgc tgccttctcg tccaccgctc ctggatcgac tacagcagag ctcgccaaac     180
atgccccttt cgagcagcga gcgaatgtgc ctgggacgtt cccagcgacc ccaggatcgg     240
aagttgagca gttctctgtg aatcctatcc ctgcctcgag tggcctgggc aacccaatca     300
agctaaagcc aggagagaag gtgcctgacc cgagcacatt caataccaac acaatccact     360
ctacagcccg gacagatcaa gccggatacg aagcgaatgc cagccatcca ttgactggga     420
gccaatctaa agacaccagc gcatttgctg ttcccccagt ctcgaataat atgatccctg     480
aatctagcct ttccatgggc caagccagtc agggttctta cgaccctgcc actattcagt     540
ccgcagcggc cacatctact actggagctc ttgccggtgc tgttcccttt gaatctcaca     600
aaagacacac cgaaaatggg gtttggggcc cctgcgggtg atgtttccgg aagaggtgaa     660
ggcctctatg ttctagg                                                   677
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<210> 6707
<211> 681
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

<400> 6707

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gggaaccatc caactgaacc tttatcaata atcgcgacga attaacgcca ctgcgctcga     180
acgagctata cccgactttc aatcgcgcct gacaatttct tcgctctaaa ttatcctttc     240
aactcgagtt gttttacttg tgtttgtcaa gatggacgtc gacttataaa ccatccatct     300
tgtcgttctt tctcgatcgc aacgctttcc attctcccgc aattaagcgt ttcagttttg     360
tgcatttttc agctatcttg cctcttcagc cctcacctat ctaggtgaaa ttacccgtca     420
tacaacatcc ttaacgagga tcttgcatca tctcgacccg tcatggcgcc caaccttttc     480
ctctgcctcc gaactgtctt ctgccccacg tactggtttc aacgtggaga gcgcatccag     540
ggttccatcc ataaagcaga acactgggaa tctcctgtcc caggcatcta caaatacatt     600
cccggtcgtg ggtggcacct tgtctacaag gatggcaatg agtacgacga anaagtttct     660
gtcccacttg tttactgccg g                                               681
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<210> 6708
<211> 303
<212> DNA
<213> Aspergillus oryzae

<400> 6708

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cccctctcgg cccgagtcct gccccgaccg caggtggcac gaccgattca gacccctggg      60
cccagtaccc ggctcccacc cggcagttct atcccccctt gacgtcaacc taccaggata     120
tcccagcctc gggatcccca gatccttcgg taaatggcaa catggcaatg ccgtggccgg     180
tgcaggggtt cttcgtgccg gagttgggaa tgcaggtggg gtttgagccg gagaacctgt     240
atgcgctgga gaatatgttg ggagacgggt tcttcaacct gcctctccca acggagggga     300
gcg                                                                  303
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<210> 6709
<211> 434
<212> DNA
<213> Aspergillus oryzae

<400> 6709

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gctggcgtga aggctccgac gacgccagag accttcggat aggtggtgag ccggaacgat      60
ggcggtgtgg ctgggctgct acgagagact catgtgatga tgaatgattt tcctgcgagg     120
gctacggatt gattgtttga ttcttttgtt gttattcaag cacagtggcg tcacggctta     180
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cttatttgtc atttagcggg cgttctatta tgttttagat ggttttgttt ggcgtttatt      240
acaaagtaca tggcataggg aaggaagtac ttgatggata aaaaggggct ttatttacta      300
cttgttcatg aaacttcttc cttttcggat ggagtataac tatactacga tttacaagaa      360
ttaggtccat gtctgtggtt agcacagtta tttggtatta gagggtttga ttgagatcca      420
tagttatatt gtgc                                                        434


<210> 6710
<211> 534
<212> DNA
<213> Aspergillus oryzae


<400> 6710
ccaacactga cacagaattt tctccagcga tcttgtgagt atttctactc ctgttcccta       60
ccgtacacca aggcacagag gtagcagtca gtttcgcttc cgggcgtttt aaccatgaag      120
taatcttgtc ctgtttgttc ccctccgcac atgatttttag ccatggagtc acttctccct      180
ggctataacg agtacctgac ttggtacccg gacttgacta tacccaccac cgaaatatca      240
gacgaccccg tggcagctgg agaccccttt gcgtttccag atcttgaggt gcaatcaact      300
atgatcagta caacgctagc gcaattccca tacttttatc ccgacccgaa tctaatccaa      360
atagagaact cccatcaagg cattacgtcc cccgaagacg cacatcaagc tccttagagg      420
actgaatgct ttgcctgaca tggggggggct ctttgggagc cgctgggtca accaaaactg      480
gtggaggtaa aaggggtttt tcctcttgct gccaaaatgg ggaactgggc tctg           534


<210> 6711
<211> 666
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G


<400> 6711
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ggctccggca gatagtccgg agtggtgtta taggtggacc tgccgatcca gctggctccg      120
tagcgtgctc ggattcacca agtttgctat ccctagtcca agagatggaa gcacgccaac      180
gacagtggca tcttgagcgg cacccagagg ctcgtcccga taattctgac gcgggatcca      240
agagaccggc tgtaattggt cctgatccgc gtgatgaaca gggctggctc tgctttcgag      300
tggctaagag tgccagagaa gttatttcca gattcgaatt tgagccgcac gaatacccag      360
atggcgtgat ttcttgaaca catgtactgg aagattcgtc gcgagagcaa taaccccat      420
ttgacgatga tacacgtgac gattgatttg gcgtttgact tgggctgacc gtgaatactc      480
gantagttgc tggtttgacg gccgtaagga agaggacgat ctcacacgta ctatgcgtat      540
ctggtggtct catctatcct tttgctttaa ccccgataca ttctatgcat agatccacgc      600
cttgtacatg gaagcacccn tgctttagtc gtaatagttg aggtcattat ataaggcagt      660
agtttg                                                                 666


<210> 6712
<211> 683
<212> DNA
<213> Aspergillus oryzae


<400> 6712
caaggagagg tctaaacgga tgaccatcga gtgcccgaac tatgtgtcca tgtctagttc       60
tgtcaacctg ttgcagcttg cactaccatt ttggttccaa caaggggagt gagacaagat      120
catcagtttt gacgcctgaa gtgggttcag agtccaacga cacaggattg ttttcatcct      180
ccatgatcag catctccagg cccaagctcg ataatgatgg atcaggtcct ggggcgcgtc      240
gatatgggac atgaagttgc caatgcttag tctgattagg agattttgcg ttttggttgt      300
cgtgttgcaa atagggtgaa ttcccgtgag agcacgcgag ttacttgaaa tgagatacaa      360
taaacctatt atgaccaggg ttatatcttt tttttccaag agaccgacgc accctgcacc      420
ataggtgtat ccctcctcag gctatagccg catctgatga gtcctttcaa tgttcaaagg      480
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ttcatttggc ttgcagatta tccctgaata ttccctccac ccatttccaa aactgcccga   540
cacaccttga tccggcaact gctacacacg tagcaaagca aatccctatc cctcttcata   600
ttccccaagt ctttccccat tcagcgccac attatctcct tatcaatccc gtctctggcg   660
gatcagtggg tgaagaggta aat   683

<210> 6713
<211> 674
<212> DNA
<213> Aspergillus oryzae

<400> 6713
gtgccatgca aaccattggt ggctctaagg ggggagaggt cattcccctg tacactattc   60
ccatttcttt gcagacaatg atgaacctca ccgctccctt gggcattgat accctcgacg   120
acaactctct cacaaatctt gccaaccccg acgtgcttct cactcgtgcc ggcgattcca   180
gcagtcgtat tcaggttcaa gaccagatcc gcaagggtga tgaatcaggc accccgcttc   240
agtacatcta tgaagacgct gactgccgta tcttctacac caccaagatg ctgctcgaac   300
ctgaaagcgc atgggaagct gcatggtcag cctacacaga tgacagcaag tgcgtcaagg   360
attccgccaa gaaatcatcc agtattagcg gcggatataa gccgtttggt cctggtgatc   420
ttaacggtaa gcagtcggag aatagcacct cctcgtcgtc cgacaaggat aaggagaatg   480
ctgcccctgc ttggagaccc agccttgcta tctgtgccgc ggctacagtt atcagcttcc   540
ttctttagat tgttttcttt tacggttttt taacgaccaa atgtgtccaa cattttgag   600
ttttgtgcat gatgatacct atatactacg atgaatattc tgtgaactta cctttagaca   660
atttaaaaat tgta   674

<210> 6714
<211> 743
<212> DNA
<213> Aspergillus oryzae

<400> 6714
gatcctcaca actttcagct aactcaatct aaacctccta tcaaccttgt catctgaaag   60
tcagttggtt atcgaatatg aagctcattt ctgtcgtcgt tgccgctctt gcagccacca   120
gtgtacaggc cggtgtttta cagaaatggt gctccctgcc tgctcagggc tgctacatgc   180
tgaaacgtgc cgccgatgcc agtggagacg ttcgacgttc tgccgaggcc ctttctgagg   240
ccatgcctga tgcagaagcc ttggccaagt ggtgtgcctt gcctggtcag ggatgcctca   300
aagctaagcg ggctgctgag gctgttgaag aagccagacg ttccgccgat gcccttgcgg   360
atgctatggc agatcttgga gagtactaga agggtccctc ccacgagcct tatctttcta   420
aagatatgtg tggcaggagc attgtacatg gcagatatct atgcaggctt atggccgagt   480
cactctttcc aatgaactac ttacggtcat cgttacttcg tcctttctgg tgtttacatc   540
gtttgagtgc ccttggccca aggcgcatga gtgagggagg ctataaaggg aatattacaa   600
aaacagaaaa aagaaaggag taggaagatg gagaaagggg aggagacaag tgagatcagg   660
gccccatgat atgtgcccca tgatatggga cagcagctat atatgagctg ttacagcaat   720
ccagtactat cggtatatct gtt   743

<210> 6715
<211> 691
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 6715
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tctgcattat caagcaacgg gggccacgg gttggaaccc gtttggagag ttctaattgc   120
tgatcatctt ggattgagaa agtacctaaa atcctttact actcagatct ggaaaagtcg   180
attttcccgt ttcttctggg acatcctgca ccggttgaag aacggtagcc ttttagaagc   240
ggtctagctc gagaaaccgt cgcatcccct gcttcgggcc ttttaacttg gctagtaatt   300

- 2382 -

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agcaaaagca tgaggcttgg gtacttttga tcaaggtctt tgtatagtgt atggggagag      360
ggtgcttttt ctttcgtccc acgcctcaag aatcagccca ctgtttccca ttcaaatatc      420
ggtcgagtcc tttgtcactc tttcggcgaa gtgtcatcta tccgcgttga caccaccacg      480
tctcgtttag acgtacttcc ctctttcttt tttaaacgtg atcagttagc ctgccagggc      540
ttttatgctc tagcagcgct gatgtatgtc tgcgacgctg gcggaatatc gagactatgc      600
catngattat gctcaacatg ccagctgcaa gcccgaggaa catacaagta cgcttggtta      660
ccacacgcat cagccacaac ttgcaacatc c                                     691


<210> 6716
<211> 654
<212> DNA
<213> Aspergillus oryzae


<400> 6716
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attcgcgctt tacatgtttg gcactcagca cgttctagct gtgcctgtca atcccgagcc      120
tgatgctacg agcgtcgaaa atgttgccct taaaacaggc agcggtgata gccagagcga      180
tcccatcaag gcggacttgg aggtcaaagg ccaaagtgct ttgcctttcg acgtcgactg      240
ctgggctatc ctgtgcaagg gcgccccgaa tgtcctgcag cgcgtgaatg aaaagacgaa      300
aaatagtaat cgcgatcgga gcggtgcgaa caaagggcct ttcaaagatc ctcagaaatg      360
gggcatcaaa gcccttccac ctaagaattc atcctggagc gcacaagact tcaaatcacc      420
cgaagaatac gcatttgcgt ctttccttca aggcgggacc aatgccatcc tatcgcccgt      480
caaccctcct tttcagaact tccaaggcgg cgtcttgaac gggttctact ccgggaacaa      540
agtagctaca atttgattcc tagccaggcc ccaacagaca aaggggaaca tgggtttcag      600
atcccttaaa ttcacaggcg ccaactgggc ctcttgggga ataatgaata aaaa           654


<210> 6717
<211> 514
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G


<400> 6717
cgaggacttc ttccaccaag gtttaaaatt ttgactccgt ctcgtttgta ctttttgacc       60
acacccatga gctgtcgctg atctcttttt gttttacgtt acccctttga gttttttcttg     120
ctatcctttt gatgcgtcct agagctagac tttcagatct ccctcctgct cggaaaagag      180
ttgctgtgtg ttcctttctt cggtctttta cagcagtcgc atcgtgcatt taatggagtt      240
gtgagaaggg gtctggcgct tgggttcttg cttcgttcac aaatcattca ttgcttatca      300
atcattagcg atttctccca tgcgatcgat ctaaggttca cctgttggga aggatctttg      360
ctatctctac ctctgatctc actcactctt ttctttntcc tttntgtctt ttcccttctt      420
gccatctatt tgcatgtaaa tatgggcgca taacagttgc tgagcgagca caatgcagtt      480
actagacgaa nnannanana naaaaaaccc cnnn                                  514


<210> 6718
<211> 646
<212> DNA
<213> Aspergillus oryzae


<400> 6718
cgcatcgttg actgaaatcc attctttaat cacccaaccc caatggccaa tgcctggagt       60
gccgccgcac acttgccagc tgagcggact cattctcgta ccttcaccta actatgtggc      120
cggtccgcta gccaccatcc cagcaacttc ttgggctgat acagtcaaca ctcgactctt      180
atctccaata ttgactactc agctgtttct tcctcttctt accgcccgca acacaaatag      240
caccattgtc ctaatttacc cttcgatatc ctcgtcattg tctgctccgt ttactagccc      300
agaagtcacc acagcacgtg ccttgtcagg atttgccacc tcgcttcggc gagagttatg      360
tctcttgcaa catagcaaca tcgatgttgt ggagctgaaa ctcggaaaca tcgaccttgg      420
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- 2383 -

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tcctcaatac cgaaacgcac aaagtcatat cacaggaacc gaggtgctta catggaccac      480
acagcagcga tccctctacg gctctcagta tctttccagc attgaacagc gacccgttgc      540
atctgcaggt cctagcatga tacgtggatc cgctgctcgg actcttcact acgcggtgct      600
ggacgccctg gagccagcat ccaaagatat ctttggaaga aagaat                     646


<210> 6719
<211> 561
<212> DNA
<213> Aspergillus oryzae


<400> 6719
cgaggctgac atcagcgcgg tcaagaagct cgcgttacac gccgctgggc ttggctcgat       60
aagggtggtc gtccatacag ctggcgtggc catgaatcaa gctcctccca gccgaatcta      120
tcacgttaac ctacttggta cggcgaatct gatcgaggcc ttctacccct tagcgacagc      180
cggtacttct ctagtcgcca tatccagcgc agccgggcac cgcattcagg ctccctctc       240
cccgggtttc gaacgacacc ttgcgactgc cccattgcaa actttgctgc agcatcccga      300
cttccctgca ggagcttttg actccgtggc tgagagtaca gaccagcgtt cccgcacgag      360
tgcctacgcg gtctcaaagc gagcaaatat cctgcgcgtt caggcgtctg cgccccttgtg      420
ggcaagcaaa ggtgccagga tcaattcggg tagtcctggg gtggtgttat ccaacatgat      480
gaaagaggag ctgcaggggc ctgcggcgtc tatgctttcg gagtctattg accgaacgcc      540
tgctgggaag atgggaacga c                                                561


<210> 6720
<211> 605
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G


<400> 6720
cgagggggtg tggcaagttc ttcagaggag agagccacaa ccttcttctg catggcacta       60
acaatattct cagtgggatc atttgcttct gacagtgaat gttacaatat taatgttttt      120
taaattggcc ttgtccgtcc gtgtctttgc cgtcaatcct tttccttacc cacactgtta      180
aatacggtta atagaatatg gattactact tgccggtttt ggaattaatc cagccactgc      240
cttatcggga tatggaccat ggccaacggt ccaattaatt gcaacccctt ccaaagtcca      300
tggttccgtg gaccatatat attcctatca tacttggaac caggattgaa attcacctat      360
aacttatctc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      600
nnnnn                                                                   605


<210> 6721
<211> 630
<212> DNA
<213> Aspergillus oryzae


<400> 6721
atagcaaata tatatacatt agcaataata tcgaaacatt tttctgttca tctggtaaaa       60
gaaaacacac atgaccatga ttacatttaa gtttagctgg catctataaa acttcacaat      120
ggtgtaaaaa gacattgatg ggggaaaaga aaatgaagaa gaaggacgg gtgcaaccag      180
cagcacccgg cagaagacgt gataatgaag gtagaataca gaccggaaac aatcggggca      240
acttaggtca ttgcgacgcg ttaccaggca gaagagaacc cttcacacat tagctggaag      300
ctggtagtac acattcgtat gcagcaaagc gacattgacg tgcatcatgg tcgcgaagtg      360
aaggcgacca atatcataat ggtcatacat taaacagata gaacattgag caccaaatta      420
aacggttgaa gtatgcaagt cgagaagtat ctcgttcttg gtgtctttcg ccatgacctg      480
gcaaaagatc taatcagaac tagaacggga ccaaagcgga tataactctt ggaacgaggt      540
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tctgctggcc ctcccgtgga tcctctcagg tatgattata ccaagcggat tcgctcataa      600
gtcgtgccaa tgttctttcc aaaacgccaa                                         630


<210> 6722
<211> 688
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(688)
<223> n = A,T,C or G

<400> 6722
cttgctcaca ctctcactcg cacacactcc tacctaacac cacatccacc catcaaaatg       60
ttcggattct cttggttcaa gtcttccaag gaggaggaaa cctcccagca gcctacctgg      120
aacccaaca ccctcaccat ggagcagcct actagccctg cggctcccaa ccagcagcag        180
gtcgttactg agcaacctgt acgtgacatc cccacacacc atccccataa ttctccacgt      240
ttctatcctg ccttgattcc ttcttgtcat ctgtcgtaca gtgtcgctaa caatccaaca      300
ggccagccag gaacagatga acatgagcct ccgtggtggt ggtggcggtg gcgtctgctg      360
tggaatttgc gccggtctgg cttgcttcga gtgctgtgag atctgctgct aaagtgtcgc      420
acggacccca tcttggacat cacctgcggg ccgtcatgat gtctacgtga ccgactctcg      480
tgtcaatgtt aaagataccc agagttctaa actcgctatg ttgaatgtta atgctcgcta      540
tggattanat gcgatgtaag atggcctacg gccgcataat gcactaaggt tgaactggtg      600
ttcgcnnnna naaaannnnn nnnnnnnnnn nnnnntnnnn nnnnnnnnnn nnnannaaaa      660
aaaattcctg cgggccctcg cacctccg                                          688


<210> 6723
<211> 682
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 6723
ccgagaacat ccacgtgatt tccaaaaaag ataacagcca acatgccgtt gtcagtattg       60
ataatccctc ttccggtaca aggcaactgc cgccttcgtc ggttcgcgtg cgaccgctta      120
tactcagatt gaagtcttat aaaccttcct atacgcctgc cggggaatta cactaatggt      180
gggaacacta tacccggccc caagagacca cccgttctat aaaaaacaat tgggtgtggg      240
agatcgcccg cgtatgggga tgtcccaggg ctctaaaacg caactgtgat ctcaccccgg      300
gatcgacact ctggggattc tggccgacct caggactccc gacggagcta acgctgatcc      360
cgggccancc gcgcgggcat tggactgatg tgagcgagca ccggaaacat ctgatgacgt      420
actacaaccg atacaaagtg gtgagtgaag atgaccggga cactatggct tggacggcat      480
ctattcgtgc gatttggggc gccggctatc tgctcagaga gtatgtcttt tcttctacaa      540
gaacgccttg tcattcttac agnggngccg ggtgggttga gctggactac tgatgaagcc      600
ggacttgtcc gcctgcgggt gttgttaaat ttggctgcgt cgaactaaaa cgggcgcgtt      660
cccttttact aataaacttt tg                                                682


<210> 6724
<211> 249
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G
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<400> 6724
cccccaacgc tcgtatcgaa agcatattga tgagcctccc tcgcacagca agctgggcct   60
atatggatcc ggtgtcggga acccggaccg aggcttctgc ggaggaaaag aatccgggcg   120
aggacaagga gcgtgaaaag gaattaatgg atgttctcag acatccccgg caatgggtgt   180
aagcctccct attcttaatg taaaggtata taaccaaaaa tttagataac gtcttccctt   240
cacctgtnn   249

<210> 6725
<211> 649
<212> DNA
<213> Aspergillus oryzae

<400> 6725
gggcaatagg cctgctttcc gtgttggaca ggtcgatgct gaactcttgg atgaggaact   60
gttagggtta ctgaaagggc aagtcgggaa tgctttgaag tatttcgggc cccaagcccg   120
tgaggactgg tcccacgaaa tccaatttgc tctacgtgca atcttattca agctctcgat   180
ttgggaccac aacgcatctt atggagcggc cttacaaaat ttgaaatacg tagacactcg   240
cagcaagggc ccgattcact cagccccaac aaagtggcag aagtccttgt atggtctact   300
cacagttggt ggtcgctacg cctgggagaa atgggagagc tggttgatca accaagaagg   360
cggctatgac gagccgtccc gagaagtgcg gatactggct cgtatgacag atctcatttc   420
cacgacacac tcgatcgcag ctttcatctc tttccttgta ttcttagtta acggtcgata   480
ccgaacatta gtcgaccgta tccttcgcat acgcctcact cctccctccg cacaggcaag   540
ccgcgaggtg tcgtttgaat atttgaatcg acaacttgtg tggcacgcat tcacggagtt   600
cctttttgttc ctgctgcctc tcgtgggaat cagcagatgg cgacgatgg   649

<210> 6726
<211> 676
<212> DNA
<213> Aspergillus oryzae

<400> 6726
ggaaaggatg agatcctttt atggggcccg atgagaacac ggccgagttg gtggactggg   60
ctacagagca tgcaaggaat cgtggagctc cttggtggaa gtcattcttt actggcaaaa   120
gtcccaagct gggcggtatc ccgcatgata cttacggcat gacaaccttg tctgttcgcc   180
aatatgttct tggtatctac cggaagttga agattgaccc atccacggtt cgtaagcttc   240
aaaccggtgg ccccgatggt gacctgggat caaacgagat tcttctggcc aacgagaaat   300
acaccgctat cgtcgatggt tccggtgtta ttgttgatcc aaatggtctg gaccatgagg   360
agctggtccg gcttgcaaag aaacgcgtga ctatctccga atttgacttg tcgaaactct   420
cccctgaagg ctaccgtgtt ctggtggatg agagcaacgt taagttgccg aatggcgagt   480
tcatccccaa cgggatgatc ttccgcaaca ctttccattt gcgccgagaa cttccctatg   540
aagtctttgt tccttgtggc gggcgaacgg agtccattga tccttctact gttggaaaac   600
tatttccaac gggaaatcac catcccatac ttggcgaggg ggccaacttg gtcattacac   660
aaaacagtat aattcg   676

<210> 6727
<211> 1256
<212> DNA
<213> Aspergillus oryzae

<400> 6727
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ggctgaaggc aagcccagcg gggccactgc cccctgccc gccgtttca acgcgcccat   120
ccgtcttgat gttgtccagc aggttcacac cggcatggcc aagaacaaga gacagcctta   180
tgccgtgagc gagaaggctg gtgaacagac ttctgctgag tcctggggta ccggccgtgc   240
tgtcgctcgt atccctcgtg tctctggtgg tggtactcac cgtgctggtc aggctgcctt   300
cggtaaccag tgccgctctg gtcgtatgtt cgctcctacc aaggtctggc gcaagtggca   360
ccagaagctc aacctgaacc agaagcgctt cgctaccgct tctgctcttg ctgcttcttc   420
cgtccctgcc ctcctcttcg cccgcggtca ccgtgttgcc aacgttcccg aggttcccct   480
cgtcgttgag tccaagacct tcgagaacgc cgctctcacc aagaccaagg ctgccgtcac   540

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cctcctgaag gctctcggtg ccggtgacga cctcgtcaag gtcgccaagt cccgcaagat     600
gcgtgccggt aagggtaagc tcaggaaccg ccgcttccgc cagcgccgcg gtcctctcgt     660
tgtctacaac cccgaggttg atggcaagga gctcgtccgt gctttccgca acatccccgg     720
tgttgagacc tcccccgtct tcgccctcaa cctcctccag ctcgcccctg gtggtcacct     780
cggtcgcttc gttgtctgga cctcctccgc tttcgaggcc ctcgaccagg tcttcggctc     840
tggctcctcc cctgccgccc tcaagaagga ctacctcctt ccccagaacg ttgtcgccaa     900
cgctgatctg gcccgtctca tcaactcttc tgaaatccag tccgtcctcc gtgctcccaa     960
gggcgaggct cgcaccaagc gcgccaacgt tcagaagaag aaccctctcc gcaacaagca    1020
ggttatgctc cgtcttaacc cctacgctgc tgccttctct aaggagaaac ttggccaaaa    1080
gggtgttgag agtgagaacc ctgaggctcc ttcaaggagt tcctccacaa ctctttacga    1140
gaactaaaag ggtgattcgg gtttgtgttg aaatgattaa ctcggttaaa gggaccaaaa    1200
caatgaatac ggtttgcaat cccatgattc tttttacgaa aaaaaaaata aaaaaa       1256


<210> 6728
<211> 1067
<212> DNA
<213> Aspergillus oryzae


<400> 6728
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cgtggatcca ttttcacggc caacacccgt ctcaacaagg cccctgctca gttccgtacc     120
cttgactacg ctgagcgcca tggatacacc cggggtgttg tgaaggagat catccacgac     180
cccggccgtg gtgctcctct cgctaaggtc cagttccgtc acccttacaa gttcaagcac     240
gttaccgaga ccttcatcgc caacgaggga atgtacactg gccagttcat ctacgccgga     300
aagaacgccg ccctgaccgt cggcaacgtc ctccctcttt cctccgttcc tgagggtacc     360
gtcgtcacca acgtcgagga gaaggctggt gaccgtggtg ctcttggtcg tacctctggt     420
aactacgtta ccgtcattgg ccacaacccc gaggatggca agaccagaat caagcttcct     480
agcggtgcca agaaggttgt gaagagcacc tcccgtggta tggtcggtat cgttgctggt     540
ggtggtcgta ccgacaagcc tttgctcaag gcttctcgtg ccaagcacaa gttcgctgtt     600
aagcgcaact cttggcccaa gactcgtggt gttggcatga accccgttga tcaccctcac     660
ggtggtggta accaccagca cattggtaag gcttctacca tctcccgcta cgccgcccag     720
gtcaaaaaac ccggcttatc gttggcccgg gaaaccggct gctccgtggg tccccaaaag     780
cccaaggact taggggtatt atggtggggg aggttttttt gtttggtgaa cggttcaaaa     840
aggtccttt cttataaggg caaagtcctt aggcgaatgc ggataacctc acccccgcc     900
cttaagggat aaaggtgggg gcacaaattt tttggaggtt ttcccccctc aaaaataaag     960
tcatcaatac gcataacata aaataatata attttctgc gtgccgttaa gactgatttt    1020
attagggccc ctttatttta atatttatac caccctctcc tttcccc                 1067


<210> 6729
<211> 633
<212> DNA
<213> Aspergillus oryzae


<400> 6729
gacagctgct tcataatgtc ttcttacaac atcgtcgtct ttggcggaga ccactgcggt      50
ccggaggtca ccgctgaggc catcaaggtc ctccgtgctg ttgagaagaa ctgcgatgtt     120
actttcaacc ttcaagacca cttgctggga ggagcgtcaa ttgatgccac aggatctccc     180
ttgaccgacg aagccttgaa cgcagctaag aacgctgatg ctgttctctt gggtgccatc     240
ggtggaccga aatggggcac cggcgccgtc cgccccgaac agggtattct aaagctccgt     300
aaagaaatgg gcaccttcgg caacctgcgc ccctgcaact tcgccgcacc ctccctcgtt     360
gagagctctc ccctcggcgc cgacgtctgc cgcggtgtta acttcaatat catccgtgaa     420
ctgacgggcg gtatatactt cggtgagcgc aaggaagacg atggcagcgg atatgcaatg     480
gacacagagc cctactcgcg cgctgaaatc gagcgtatta tccgtctggc cgctcacctt     540
ggcctgcagc acgacccccc tctttctgtg tggagtttgg acaaggccaa cgtcctggct     600
actaaccgtt tgtggcgtaa ggttgtcacc gag                                633


<210> 6730
<211> 643
<212> DNA
<213> Aspergillus oryzae
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- 2387 -

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 6730
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acttggttta aaacatccgg agctgtttga atctcttggt atcgcgcaac cgaaaggtgt   120
ccttctgtat gggccaccgg gaactggtaa aacactgctt gctcgagcag ttgcccacca   180
tacggattgc cgattcataa gggtcagtgg ctcggaatta gtgcaaaagt atattggtga   240
aggtagccgt atggtgcgcg agctgtttgt catggctcgg gagcacgcgc cgagcatcat   300
cttcatggat gagatcgaca gcattggatc cagccgcata gactcagcag gctcaggcga   360
ttcggaggtg cagcgtacga tgttggaact gctcaatcag ttggatggat tcgagcctac   420
caagaatatt aaaattatta tggctacgaa ccgactggat attctcgatc cggccttgnt   480
gcgccctgga cggatcgacc ggaaaaattg aattcccttc cccatcggtc cgaaactcgc   540
gctgataatt tgcggattca ctcgcgctca atgaccctaa cgcgtggttt caacctaaca   600
nagatcgccg aaaaaatgga cgggtgttct tgtgcaaagt tat   643

<210> 6731
<211> 667
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 6731
cggatgcagt gcccatcgtg ctgcttcatg gatggcctgn aagcttcttg gaatttcttc   60
ctctgctcca gctgttccgg gatgagttca ctcccagcac cctgccgtat catctcatag   120
tcccgtctct gccgggctat ggcttctctt ctggtcctcc agtggatagg aactatacca   180
ctcacgatgc cgctcgagtc atcgacaaat tgatgaagga cctgggattc gaaagtgggt   240
atattgccca aggaggcgat atcggaagcc gggtatcaag atttctggca gtagaccatg   300
acagctgtaa agcggttcat ttgaacttct gtgcgatagc gacacccca aagggagtac   360
ctgaggagag cctcactgcc tccgagaaga aaggactcgg acgaagacag gaattcctga   420
cctcgggcct cgcatatgct tttgagcatg ccactagacc aagtaccatc gggcatatcc   480
tctcttcaag ccctcttgct ttgctcgcat ggatcggaga gaaattcctc acctgggtag   540
acgagcctct tccctcccag acgattctgg agtttgtcac tctgtattgg ctgactgaca   600
ctnttcctcg agggatttac ccttatcgag aggaacttcc catatccccg gaagggaatc   660
ccctgcg   667

<210> 6732
<211> 696
<212> DNA
<213> Aspergillus oryzae

<400> 6732
ggctggtatt gatccaggcg tctagccacc gctgttcgtc acccagccag caatcgatga   60
cgttcgtgaa gactttttcc catgtcccga agatcgtgac gacgacatc tagcctctca   120
ctctcttggg tttgtccatg cgtcttctgg tgtcagacga tggacacgca aaggcatcaa   180
gcatgaaatt gattgggcct tgatcaagat caargatgat cggattgatc ctcgtaacat   240
agtgttcagt caacaaccta tgcaacagac tgaaactatt tatttgaacg acatcgcacg   300
cctagaagat cttggtggct tgaaagttca ttgttgcggt cgaactagcg gcttgcaaac   360
tgggcgata tctcgagcaa tgacaattgt aaaactccac ggccgacaga ctttctcgac   420
gagtttctgt gtagacggga acttcggtgt tcccggcgac tcaggagcat gggtcttcga   480
aaagtcaacc ggtcgagtat gcggccacgt cctagcttgg tcagagaaaa gccacacggc   540
atacatcgcg ccaatgggag tcatgttaga agacatcgct cgcaccctgg acgcgacata   600
tgtcagtcta ccaagctatc cacatggagt ttttctcgta cccaacgccc cggttcctcc   660

cacttttgaa ccacaaaacc ccaagattat cgcgcc   696

<210> 6733
<211> 719
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

<400> 6733
agatattact gcttgcaaat gcagcacgag gcggatcgct gccttgaaag ctgcagctga   60
tagagcagat gaagcggacg ttgcatcgaa tggaaatcga cgacgagggg catcatacgc   120
gtaaggtcct tcatgatctc tgatgaacat gcgaaccgta tcaggggtt actggctaag   180
gactgataaa cggaaacggt ggagcgtctg tggggccgaa cgtcgtcaag atctcgactt   240
gyagacgatc tgggaagatt gatatgttaa ctacgaccac ttcctctgca aattctaaga   300
aattatcaag caacctacgc taaacgaagc aattttgtgg gctatgcttc agcttttaac   360
caatggcgta tgtgctcaac tttgatgcac gttcaccaac tggtgtgcca atgtacctga   420
taacttgact tttctgatga aggatcgtgc tattgatgac atgcagagat gctttgagat   480
cagctccgat ctcgctatca gaatggcaaa cagcctctac gtcatcagtg gtatggactg   540
ttgccggaat ccttataacg cggagctgca tgatactctg tatttgctga atcttttccg   600
gattgtagac tgtccttgct ctttgttctg gcgcttatct taggtctcgc aatacccttt   660
actgtcctta aatcttgtct attggttttc gaanaccaan atgctctgna aaagatatt   719

<210> 6734
<211> 706
<212> DNA
<213> Aspergillus oryzae

<400> 6734
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tctatctatc ccttcggtca taccccttcct tccccagact gagctccttc aattcctctt   120
ctcccgtggg tacatagcta tattcttagc tacctcccct tacacataca caatgttcaa   180
gtcaccagcc gcccgtcaag ccgtcaaggc tctcagtatc aacacacgcc ctgctgcagt   240
aacagcagca tcccgaccag cggtggccaa tactttcttc cgaggtctct catcgacagc   300
tccccgtgcc aacgatgaga agtcgaaggc agcaaaggac cccatcttgg ctgccaccaa   360
caaagctcct gagggtgcct tggactcaga gggccgtttc gcccgtgtcg actatagttt   420
gcacatcgaa taccccgatg atgagaacct gccatcgttg cctatcgtcc aaggccgccg   480
aagaatgcac tttgaaaggc acctggttca attgttccta aaaaaacaag gtgcccctcg   540
gttctctgag gtgcccagtg tttgggcttg gcccagcac tgggcgtcct gtgcaacggg   600
aacggcactt tcaattggcg tattttaaca aggccgaaac ttgaggagca taccccccaag   660
tatgttggaa acatttaacg agggagaacc ccccgtttga aacaag   706

<210> 6735
<211> 699
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

<400> 6735
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cccccctcgt ccttaccgct tcaaatccac aaccttgaaa ttccaggttc caggtctcaa   120
gggctggccg agctttatcc aggattcgaa attcattcgg gatatgtcgg gttccgatac   180
ctggaaaacc gcgatgaata tcttccataa aattcgtact tggtctcgga tgaccatctg   240

- 2389 -

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gggagacagg ctcttcctgc aatttgatgg ccccgcgact attctcatac aaacccgtgg      300
ccccgtatt aatgaagttc tcacctcgca cgaagtcaat gagattgcaa gcgccccgag       360
aggactaacc attggacctg caaagcccgc agaggaaaag aaaccgtctg ccgacgagga      420
gtatcggaag gcggccgagg aggctgtcaa tgctgccccc gcacccacga ggaccgttga      480
acaattagaa caggagatca gagggtcagc gcaaagcatt gccactctta cgaaggaagg      540
caaggtgatc tttgagaaac ctggccaaca aaactaaagt gtaacgtttg acatcaactg      600
tcccagttgg ggcatgataa agcgctcatt ctaaaatttc ttattgcagg cttgatgtat      660
tataggtagc atactccagg tttcaacaat ttttttttn                            699


<210> 6736
<211> 28
<212> DNA
<213> Aspergillus oryzae


<400> 6736
tcctccgcat ccgatgccga tcgcgagt                                         28


<210> 6737
<211> 633
<212> DNA
<213> Aspergillus oryzae


<400> 6737
ctctgagctc ctttagtcgc ccgcacgatc tccgccaggg tgcggctcgt ggcacgcgaa      60
gtgcgcgtcg caaagagatt gtctccgctt ttacctggga ggccctgacc attgggaaag      120
ctagaaccgg ggagcttgca acctcatccg gaaacagtaa aggtccgcga cagctcccaa      180
ttgctgtggc acctcccaat acacctccat ccaagatgtc acggaatcgt cctagggggc      240
ctccactgcc tagagacaat ggtctggcgg ccaatgagga aactgatatg tggaataaga      300
tcctccagga tctacgaaag gcaaaggaga agaatgataa gcagaagtcc ctagctgagc      360
agatatctgc tttgaatgag aagattggca aagatggtgg gaagccgagt ctacatgagc      420
ataaccagct ggacagtctg taccggcaaa tgctcaagct ttgtgaagat gaaagggcca      480
ttcttcaaga tgaacccagt gatgtgatca agaacttggg ccttctgacc gcacttcgtc      540
aggcatctga agcagaggcg ccactttacc gtgcggctgc tcttgggaaa tcccgtaaaa      600
agagaaatga cgtggacggg tcagctacgg gtt                                   633


<210> 6738
<211> 737
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G


<400> 6738
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ttattggcca actttaccca atgctttttg ccaaaattca gtcccctatc tgaaggccct      120
aaggggccta tgtcgatgag gatgaggatg agcagtccag aaaccactca gttgatttcg      180
gcgtggcatg aaggacaact ggatgctcta ttacaaacca cgtgggcctt ggtcctttac      240
cgctataccg gttctggaga tatttgcttc ggtttccaac aaccgacggc tggtgatttt      300
gcgacccatt cctcagatag tgcgtctatc tgtacatgca gactctcagt cagcgaagat      350
gactctatcc gaggattgct tgaaaaagcg aaggtcagag tgacctcgt caattccgct       420
gagaaatgcg gaaccccgag cgtggtaaac aaaagctttc ggctgtataa cactatgttg      480
atgatccaaa attgtcgtga gacgataaga acctcgacgg atatcccagt acaaccagtc      540
gcggcgaccg ccctcccaga tgagtgtcgc attcgccttt acgtgaaggt cttacgtgaa      600
gatattgana tttttatgga gtggtgggat aacgacatgt gaaccgagca tataataagc      650
ttgtgcaact atttncaaca aacttttacc cggggttttt ggggcagatg acctgatccg      720
tgaccaaact accgggg                                                     737
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<210> 6739
<211> 725
<212> DNA
<213> Aspergillus oryzae

<400> 6739
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tgcaggtgca gatgtgacac agatatcgtg gatgttgagg gtaaacaagg cagctgtctt   120
gccgagtggg tagaagttgc gggaggctgg gcttctccct agattcgggc aacttcatgc   180
tttgtccgct gtataatctt cgcctcctcg tttccatacc tttattgttc aattatgagc   240
attactcggg ttgccgttgg agttaattgt tgcttgagcc ttcatattat gttggctgtg   300
gggttctgga cggcgttcaa cggatctgac agcttcttca tggaaaatgg tgtgatcatt   360
ctcatcaata ttcacaaatt catctagcgt gctttgtatg ttttcatttg gattgccgcg   420
ttcttattaa aacagaagac tatcttctgg aaagagacgg ttactgtccg actgtgagct   480
tcaagatagt ccccgagagc gtctatcggt attcacgttc ggtcttccca caggcaagac   540
ttgtttttctc tacgtagctc ttggctacgg tgaatattcc acgcctcttg ttcctacggt   600
ctcttgctaa agctcgctgt gcgctaaccc tggatttgat tatgcctgct gctacccaat   660
tttccttgca ttttttgctta ttgtccgtcc acctcaggaa actgtccggc attggttcca   720
aactt   725

<210> 6740
<211> 990
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(990)
<223> n = A,T,C or G

<400> 6740
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gtcgctatct tctcgactct gttacccctc gtcctggctc tcccagcccc ccagacacag   120
tcaaccgagg gaaagttgcc ttggaagaaa ggcagcgtat gcctggcact cacggaggac   180
tgtatgggga cgattggatg gtgtaacgcc gaggcgcaac gcctgaagga gttcggcgct   240
cgtgagaagt gcctcgccca aagagagcgc cgtcctgccg acgcacctaa acttccctgg   300
atgaaaggta ccggttatga ctgtgcctat gctctcactc ccgaggagag atgttatggc   360
actgcacttt tctgccgtga gggactttac ccccagggtc aatatagggc cgagcaggaa   420
tgcttgtctg acagagagga tgctccgaaa gatgccaaga agcagcagag cctcccagag   480
gcagaactga aggcgaagaa gccattcctt cagcccgcgc ccgacagcga cacttcgtgc   540
atgaccttcg accgcggcag tgaacgctgt gttggaacca ggtactactg taccaatgat   600
atcatgaagt tcccctacac agacgaggac ggcagtgtct acaataatgc tgccgagtgt   660
ctggatgccc gtgaatctga gcctcaatct gccgatcccg atcgcattgt gttccctgat   720
aactagggtc ggatatggac gtagtcccca actaagtgcg gtccatggct tgaccaccca   780
cgttagcatt caggggatgc ggactaagga gggaaccctg aaagtgttgt gaacgttccc   840
atttgcctgt acttatgtgt attaacctcc tggcgttaga ttcaacatct aggccagtct   900
tagtgcatta gttntatttta tttcgtcgat tttgaatcac actgagaaaa gggannnnnn   960
nnnnannnna nnnnnnannn nnattatttt   990

<210> 6741
<211> 647
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 6741

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aatatggggt gctgagaggg ataggccacg attgtaccct cctgaaccag gatcttggac         120
ttattgcaga ccaagaatcc cagaccatga ttggtcatgt cacaggctgt cgctcctaac         180
tggagaccgg tcccaatttg gaatccattt gcccacccac caacacggct cttgatcagt         240
agcgtccttg taagggacta acgccgcgaa atggatggac atcaatgttt ctactgactt         300
atatagtgtc taaactgacc gcgcttgaga cttcaaccat ctgtcattgg cccacttcgt         360
gcttnctgag catttgccga cgattacacc tctatcgtcc ttttcttcca taaaaagctc         420
aatttgtgat agcgaaggag aaaaccgggc caaggagaac accttttgca ctgtgactta         480
ttgacgtntt tttcattctt ttctttntat ttatcaacga accggggat tcattcgggg          540
atatctacta gaatcttgtc agcacgccac gccggtgcag ggtagaattc gtcgtaatgc         600
ccacacattc acagtgggac gcacacttct ataaaagcat tgccaat                       647
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<210> 6742
<211> 656
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(656)
<223> n = A,T,C or G

<400> 6742
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ggaggcagaa gcgctccgtt aaccgtcgcg gtggacccgc cctacccgac ctgaaagacc          60
gtcaaaggac tatccgcaca atgattgtat cctccgtcat tcctaattcg gccgcatcta         120
ttgatgaaag taacgtcttc aagcgatctg ggtcgagccg tgccaggcgc gctgctgtcg         180
ggttgcggga cactggtgac gattctgatg aatcagacag cgacgaatct tcaattacag         240
gctcccccgc tatcggtcct catctggccc aaggcactgc gcgcacaaga ggcatgcgag         300
gggctgccag tgctgctcac gctgctctgc gtgcgaacct tggtcagtct gccactccgg         360
agcctcacca cgagggaaga gcatctgcta ggagacggga ctatcgcgaa gagagcatcg         420
aagagccaga aaaactaatt gtgaagctta agatccctcg tgagaagttc cgtcagcttc         480
ttacccacgg accacagtca ataccgagtc tctcagcgac tccagcccct cagccaccgt         540
cacatcaagg cacgcctcan natagcactt ccaccccaag caacatggct ccaccgtcac         600
acatncagcc tcaagccaga gtttcaggtg tcggtacacc cacgcaacgg accgtc            656
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<210> 6743
<211> 697
<212> DNA
<213> Aspergillus oryzae

<400> 6743
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ccttcaactc ctagacctta ccttgcgaca ctatcataga cactaccgca aaagctctca          60
ccacgcgatg gaagtcgcag ctgaaccaga gcttcaatat gtcggggatc ctcttcctct         120
atcggctggc tgttcgggtg ccgaagttcc tctttcatca gctcacaacg cgctgggcaa         180
ttcgcagctc gatttcaact cacttgactt tccccatttc tagaccaaaa atctatcgat         240
gaagtggcat atggatgcta tatcgtccac atacaatctg ttcgacgatc gcgctccgaa         300
cctgattacg gaggatcaca gcatttcaac ggttcctgag accactcgct cccaggaaga         360
tcgcctttgc cagatacccc aagaatgctg tatctgactc gccacacggg tgcttcgaac         420
tatgcatgcc tgctcaagct cctggattct ggggatgatg gccaatatt ggcttctcca          480
agctcaatat cagcttgaag ggaacagatt ttgcgcctga aacagttcta tttggaagca        540
gtcgggatcg gtacatgatg tgggtagtaa aggggagccg ctactacttc tcttggcaac        600
gaccctgtgt atgatatgat tgcgtggctc tggaatgttt tggcgattat aaatgggccg        660
tcaaactttt ttccgatcat cgggccgttt aatctcg                                 697
```

<210> 6744
<211> 467
<212> DNA
<213> Aspergillus oryzae

<400> 6744
```

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atttacccctt gactgcctct ttgtgtccct cgtcacaatc tatcgcaatg gccgactcca      60
acgaatctca gccgatcgtc cgggccacca agcccgtcag tgaggcattg ctcaatgaga     120
agtgggatcg cgccatctcc tccatgatca ttcgctcctc ccttggcctc ggtttcggtg     180
ttgttttctc agtgctcctc ttcaagcgga gggcttggcc cgcttgggtt ggtctaggct     240
tcggtgctgg acgtgcttgg gaagaggccg actcttcctt ccgtcgtggc gactcgcccg     300
ttagagacgc cctgcgtcgg tagagggttc agcatttgat tgtgtatgat acctgtatag     360
ccgagggaat aaagtcagtt tagggcttca ttcatgctgt ttagaagaat tcctaggctc     420
tgtttaccgt ttagcatgca attcatcatt attgtatccc gccattg                  467
```

<210> 6745
<211> 722
<212> DNA
<213> Aspergillus oryzae

<400> 6745
```
gacatcaggc tcgatccgac tacggcgcga cgagtgatga cccggatggc tcgagcgatg      60
ctaggatctg ggcgtccgta acgagctgga ggtcgaaatt gctggtcttt agattagtat     120
aaccattcgc gaggcctaaa tcatcactct gaccccggac gaggaaggcc gaggcagaga     180
tcagtgccag cgaggtatag aagcgtatca accccatagc gcagatggcg gcgaaatcgg     240
cattttacct ttgtcactta gagcgcacgc cacattcaaa tatgcttccc ttgacgactt     300
gacatcatgg ctgggttcaa ttaaggcagt tttcctgagg ggaaattggc ccagcgtccg     360
acctgcataa gcgcacttcg gcttcgcatc ccgctgagat gcagattcgc cgattggtgg     420
acacggttcg attcagggg agatatagcg agacatctag ctgtaaccct gatcaatatc     480
gtatcatctg atcgacttga tagaactcga caggatttca acttccttta aagtgccgag     540
acagagatgg ctgcattgat tgaccctcgg atagcccttc ctattaaccg atgcatgcga     600
cgatcacttt tgaccgcaca ggcttccgac caagagatag taggaatgca accctggacg     660
aactaggaat ctgcggactt atataaccga tcgttaatcg cccagtctct gggtagcttg     720
ct                                                                   722
```

<210> 6746
<211> 487
<212> DNA
<213> Aspergillus oryzae

<400> 6746
```
cgtcgtcgct tttcccgttc gaacgacacc tctcaaatat aagatgacat gatttcgcca      60
acgcccccaa aaaaaaatct tacttttata ttcgcccgac gagctatata cctccactcg     120
atttaccttg taatcatgac gacgtgagct agcattggat tcggcaagag tcccctttc    180
atatttccgg cgtttctact atttagggtt gtgcattctt ccggcatggg ttgcacttgg     240
cgtttggttc ttatagcaca tatttggcta tacttgcttc ttatcgaaga ttcccgcgaa     300
tgcgctttat agacgtggat atcctgaggc ttggtacaca catgctctcg agcctcattg     360
tatgggtttg tatcgatatg gttggttaat ggatgtacat gatatgtgta tatatgtggt     420
attggataaa tacaacattt tctatggtgt gtctggcggt cgacatgagt gtccgcgacc     480
acctttg                                                             487
```

<210> 6747
<211> 755
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 6747
```
agggtattga ttaggtgaca ctatagaaga gctatgacgt ggcatgcacg cgtacgtaag      60
ctcggataat ctacagcaga cgatgcgtaa tgatctgata atgcggagct aggtgactga     120
gtacttcagg tgctaacact cttgcacgtt acgaagacga gaatctcgga ctgcgaacat     180
cgatccagta gagatcgaca caataggngg atgatgatcg cgcattgaca agcagctata     240
```
- 2393 -

```
gaagttcgat atgcatacgc tgagacatcc tttacctaca gaagatgggg aatcaaaagc      300
aaagttacaa cgaccactgt cgagtgaccg cgaagtgagc agtattccca gagctttcga      360
ccaagacctg aagcaacctt ctcctaatgc tgccgcggaa cctccatctc catatactac      420
atcggctgta tcgcacggca cgccttcaaa tgcggaagct gaaactggtc atgatgagaa      480
gagcgggaat cggatttacc catggtagca ccaattctac gaagcatgga tgcacaaatg      540
taatacaccg gtttccagca ctttgcctac tgaactagca actactgtgg catccattat      600
cctaatccat aatgccttca acgagcgtgt ctgtcaccag atcctagaat gggagataca      660
agcgcttccg tctgatctgg ctacaagaaa tgtggagggt cgaaacatat ttcatttcgg      720
cggactgggc agataccgct caaatcaaaa tcctt                                 755
```

<210> 6748
<211> 459
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 6748
```
ccgaagatct gccattgaga aagatttgga gtcatctctc gtggttagcg agaaacgagc       60
taagaaactt gacgagctat atcgtgaagc cagcgccgag aatgaagccc tttacgaccg      120
gttcaactcg gagctgagca aggttgcaaa agacgtgcga gcaggagatg ctgaagatgc      180
gctcaaatcc caactctctt cagcgttaga ggagattggc cgattgaaaa aggaaaactt      240
ccggctgaaa cgagagggtg gaggtctgan aactcancaa gccgcggtgg ccttactgaa      300
ggcgagcgaa tgacaatcga attgcggttt tggaccagtg gccgttctcc gagactctgg      360
gcatggaagt atactttttt acctctcact tgctcttttt cgagaactga aatgggttgg      420
acccgaatta cctgcattta ctaagggaca aaccccctg                            459
```

<210> 6749
<211> 1153
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1153)
<223> n = A,T,C or G

<400> 6749
```
gccatcgccg cctgtacctt tgcaaattgc ccacctgtat cctcctggtc ccggcaaccc       60
gcactatcag aaagccatgg aaagggaagc ggcgaagaga ggatcggctg ctgtagcaaa      120
cgcgccaaac caaggagacg gcattcccac tattacatcg cctggtcgcg aggcactcca      180
acagtccaat gctaatttga ctcctcagca gcagcgccag cagcaggctt ctgccgcggc      240
ggctggattg gcagacaagc ttaccagctc catgatggaa caggaattgg atgaaaacga      300
acctcccacc atcaaattgg gagacgcatc ggttgctgcg cctttcacta gcaagtttgg      360
ccaatgttat cgccattccc aatatcattc gtcaaggccg ttgtacactc gttgcaacaa      420
tccagatgta caaaatcctt gctctgaatt gcttgatcag tgcctacagt ctgagcgtta      480
tctacctcga tggaattaag ttcggtgacg gtcaggtgac catcagcggc atggtgatga      540
gtgtctgctt cctttcaatt tcacgcgcaa agtccgtgga aggtttgtcc aagaacgcc      600
ctcagcctaa cattttcaat gtatatatca ttggctcggt gcttgggcag tttgcgatcc      660
acattgtgac tctgatctat ctgtcgaact acgtctattc aattgaaccg aggaaatccg      720
acatcgactt ggagggagag ttcgagccat ccctactcaa cagcgccatt tacctgcttc      780
aactcatcca acagatctct accttctcta tcaactacca aggccgtcct ttcagagagt      840
ctatccgcga aacaaggcc atgtactggg gtttggtggg agcatcggct atggccttct      900
cttgcgctac tgagttcatt cccgagctca cgaaaaagct gcgcctcgtc ccgttcagca      960
cagagttcaa cgtcacgttg actgtcctga tgatcttcga ctacgccggt tgctggatta     1020
ttgagaatgt actgaagacg ctgttcagtg atttccgccc gaaggacata gncgtgcgcc     1080
gtncggacca gctcaagcgg gaaaccgctc gtaagccaag gaggagcttg agaagctgtc     1140
```

<210> 6750
<211> 685
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

<400> 6750
tttacgaggg cgcttttccc ccgggttctc cccggataag aagtacgcca tacttttgac   60
cccatacggc ggcccaggcg cccaagaagt gaccaagaga tggcaagccc tgaatttcaa   120
ggcctatgtc gcctccgaca gcgaactcga gtacgtaacc tggactgtcg acaaccgcgg   180
cacaggtttc aaaggacgca agttccgctc cgccgtcacg cgccaactcg gcctcctcga   240
agcagaagac cagatctacg ccgcgcaaca ggcggccaac atcccctgga tcgatgcaga   300
ccacatcggc atctggggct ggagtttcgg aggctacttg accagcaagg tcctggagaa   360
ggacagcggt gctttcacat taggagtcat caaccgcccc tgtttctgac tggcgtttct   420
acgactcaat gtacactgag cgctacatga agaccctntc gaccaattga gagggctacg   480
agaccagcgc cgtccgaagg actgcccggt tcaggaacgt cgagggccga ttcttgatcc   540
accacggaac cggccgacga ttacgtccat ttccagaact cgcttgccct ggtggatctc   600
cttaatggca aatgcgtctt tccttaagag cttcaatccg cattggtcac cagcctcaga   660
accacggaat caggtaccaa tgggg   685

<210> 6751
<211> 664
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 6751
tcagtctcaa cccgaaaccc aaccgcagac ccatcggtca gcccagagc ctggtagata   60
ctccgtctga tatgagttgc tatacgccgg agcccgatgc tagagataga agttcgactt   120
tgtctccctt gccagagacg atgtcacctc gcagtcacga caagcttaag atagaacaaa   180
ctcctgcttc agagattgat gatactcaat ctttgccgac aacaacttat agccccagct   240
taccaaacga gacacctaaa accacagatg atgtgtcatg gaaggatctt gattcctttc   300
aaaatcatct tcttgctctt cacgaaactc ttgaggcttc gatggccgga tttatatacc   360
ctaatgaaga agaaaaccgc acaccccttt tatgagcggc acggattatc tagagacgaa   420
gagtgaggat ctgccgagcc cctgggttca ttcttagatg ttgtcaactc gactttcctg   480
attttccctt tattattccc cgcagccact tcgtcgttaa gcactcaacg gtcttgactc   540
tgtaacactt cattcccct catcccttct aagcgtctga gcccctttt catttttcc   600
tttattttcc tttgctggtc anggatttaa ctatatagag catctatggc ttgattcaac   660
cggg   664

<210> 6752
<211> 732
<212> DNA
<213> Aspergillus oryzae

<400> 6752
cagttctatt actcattaca aacccaaatc acacagaaac tctcatcatg cgtctcgctc   60
caatcactgt cggtcttgca gcatgtgcca atctggtgtc tggtatggct ttcacggctc   120
ctgcccgatg cttgacgatg aaagacacgg ctgagaaact ggacgttaat cgttggattg   180
atctgtggct ggaaactacc tgcaaacgct gtcagtcgcc caagctgtcg gattatcgaa   240

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ctttgcggga aagccacgtc gctccctttg tgaaggattg ctctgactct atgggcactt      300
ctcacctttc ctccaactac cttgccctcg ctgatagcct cttggacctg gccaaaagca      360
aatgcgaggt aaccgacgaa accgacttgt gcgaggatcc tgatcaattg aagacagtag      420
ccaagtgcgt tcaaagcaac gcctggtctt tcgtcctggg caacgtcggt aatttcctgt      480
ccatcctgtt ggcagacccc tgcggcagac aaatggactt cattgcaaac ccggacactc      540
tggaccgcac cattcgttcc cacttggcca actacgagaa aacttcccca aagaatagca      600
aatcgctcgg ccagtgaaaa tcccgaatca aactgtgctt cattccaatt tgagcagccg      660
tgtttacctt ccttcaactt ccccttgtgc gtggtttagt tatctcgggg ctccgtgtac      720
ttgcccgggc tt                                                          732


<210> 6753
<211> 119
<212> DNA
<213> Aspergillus oryzae


<400> 6753
ctcgctgggc cttgggggga acccctcgga gcaggggggc actagccggg caaccggccg       60
gcgcccccca gcaccgggtg ggggacgccc ttggcagget tcggccgtcc ggcgggcgc       119


<210> 6754
<211> 657
<212> DNA
<213> Aspergillus oryzae


<400> 6754
tctgtcaact aattatgact ctggttgtct ctcgcctcct actggatcac cagtacggtg       60
atgttgctat cttacgcttc accacgctgc cgccttcatg ctcagtgtac taccccctccc      120
ccggtgcggg taataatatg cttctcagcc ctttgcagac caccaacccc cccgcccatg      180
aaggaaaaaa ggacctggtt ctctgaacgc cctgataaag gccatgggct gatgtttccg      240
cgtgaagaca cttgtcattc gtgtctcgac gtttccagac ctcgaccgag tgagttaatc      300
tgtcattctc atttttacca tcacactttc ttctacttac gtcgtcacca tccacaagca      360
ctatttgtgc attcccactc atgtcatgac aaacgtctcg ctgatacttc acatgagata      420
tacatatatg agaatacgac ctaatatgtc tcgtcgattt gtactggtag tagtggtgcg      480
atattacatg atatcagata tgtcgtctcg atcgctgtca cttcatgacg ctgataccga      540
atattatgtt gactcgacct tctgctggtg attatgacgt cgacgacata tcagcttgac      600
gatcctcgat catcatcaat ctcccgacta tctccgtcat catgtctatt gttcacg        657


<210> 6755
<211> 626
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G


<400> 6755
gtcgtgagct tccgtcacca catctgatct tcatcccacc accatctctg ctcccacctc       60
aacgtccatc ctcaccatgt tccccactcg tgtcttgcgg atgcaggcct ctcggccttt      120
tgctttccct actcctaggg aggcccacag cgctcacact atctcccagc gtatgcgcac      180
cctcaagcgg gtcccccgg agttgattcc tctcggtatc gttcttggcg tcgctgttgg      240
agctgctatc tactccagcg gcaggaagct catgaccgac aagactctcc gtcttagccg      300
caacagccct gagagccgtg agcactaaag tgtattacca tatttcaatt gcaatggcga      360
tccttggtgt gatttttgtc ggcggtctgt attattcacg ggaaagttga tgtcgcggga      420
gaatttgaaa cttcttaaaa aactcgggtg gagcgcgtgt atatagtacg gcttgaacgg      480
agggttctga tggagaaata ttgcaatatt actggcgcac ggcttctgt ttccnannnn      540
nannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      600
nnnnnannnn aaaaaatccc ggggcn                                           626
```

<210> 6756
<211> 669
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 6756
```
ggatcctcat ttctgcgctg gagtatatcg tcgcgttagg tgctgtcgcg aatatcgtga      60
ccgcctgcta ccagctaggt atacagtgca tatgtaacta cgcgacggaa gtcaccgcgc     120
agtcacttat ctgggcgttc atcgtcggac tcgttcatat cgggggtact atcgctctat     180
cacttcgcta tcgcgttatc cgatcacctg tgggagaaac ccatactgtg cagccgaatt     240
ggtttcggag atatctgatc cggagataa atccatcgtt atactctacc ccacccccgg     300
acgtcgacga gatcgaagaa tcgtatttat ttctgctgtt ctcatggtgc gtctctaccg     360
gggctgtagt ccatatcctg tatgggacaa tggtgctctc cagcttgttg tttatctcag     420
ttcaagatgc gctcgcgctc gcgggacggt ttcttgcgtc ggttgtgtgt gtcccgctg     480
tgttggcgta tgagctngct gggctgagac aggcgaaggc tggaatatgg gaaatgggga     540
ggggtctgag acactggaat tgaggtgaaa gtgaagaag gagatccaaa ggtgcaaata     600
tgggtggctt aaatatggtc tttgaagaaa acttggacca agaagaaagg cggaatcttc     660
catgaaagg                                                             669
```

<210> 6757
<211> 672
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 6757
```
ctgaagggga tgaggttaag actttgccga aggagcagac gatttttcga tttcgggtgc      60
cgctatctac gcctcgtcag gatgagatgg atgtgacgga ggacgcgggt gcaaatgccg     120
gctccagtgc taggaaggag cttactttcg agcttcatgg gagtcagttc ctgaatcggc     180
cggttgatcg tgcaaacaag aagttcaagt ggcgcaatgt ggactatctt tgattgatgg     240
tgcggtacta tcgcctacac tttttataat gttaacgaca ctctttgaag gattggccga     300
ccgagaagac tgcttatttg gcagcacgcg gatgccgagg gaatgaagcg caagacgcga     360
aagaacactg acgccgagtc gatatgagag aggattcctg gcatagcctg cgcattgccc     420
tcaaacatgg accaagcctc cggcctcctt catgccgtcc attggcatca acactactcc     480
agagcaatgt ccaaagtaag gaagctgcgc ctcgaaggcc gcagctctac tttctgtgcc     540
ttatattgag cttgtctctt acatatgcta caggattaag ctatggtcgg gtgattccca     600
ctatgtgaac gcagatgcta ctcaggtgat ccaatgggta tcattcgagc tagaanaatt     660
gtttctcaag tn                                                         672
```

<210> 6758
<211> 801
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(801)
<223> n = A,T,C or G

<400> 6758
```
ggcaaagccg aaccttttgc acgcggatcc cacatcatca ccgcacggag gtctggtcaa      60
```

```
tagattccat taagactgtc atcatcaccc tgcagggtat tcaagccctc gtcgttttgg    120
ttcgtggtgt catggcgtta gccaatattg gcaatcaacc gttcaacgca accatctcta    180
tgagtactat tttttacccc cttgctgtcc ttggtctgct tcggctgttc gctgctccct    240
ggttgaccga aaattatacc tacaacgagc atgaaacgta cgagagcagc aggatcttgg    300
cgcagcatat catgcacatc ccttcttcgg atggcgcttc ctatgccgcc gtgcgcacca    360
gccctgacac caaaaatgca ccgccctcaa acacatcact gttacccaga agctcgatgg    420
caatgcgtga tccgtcgccc gatgtttatg cgcgttccaa gggattccat cttcccgctc    480
aggctgtcgc cgtggccgtc cgttgctgct atcttgccta atgactgcca tcctggccat    540
ctgtgtgtgc tatatgatcc cttacaaacg ngcgctgatg atattgaccc agnccngcgc    600
cttcgccgtc cttttgctgc ttatcgnnga tgatatgggt cattctcgaa tcgacatcct    660
attggcactt attcatccgt gcggccggac acaacacttg tatccatgct tcggacatgg    720
ggaaccggca tacacctggt ctcataacgg agatatgcgt ggatcgtctt tccggtttac    780
acacgggaaa ttggcggccc g                                              801


<210> 6759
<211> 687
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G


<400> 6759
gaagcttaca gccagcccat cgagcttgag gcacccgagt cccccgaaca gatcggtgcc     60
gactgggctt taaaagacac caagagacca caaattcatt ggcgcgaagt cttgcagcaa    120
aatgggtgga actaccttct gatttaagtt tttttagata ccccctctct ctccatggga    180
ttgcatctca tgacgtttac gcgtcccttg aagggaccca ttcaagcggg cttgaatatg    240
cggccaactc ggagatctcg agagtcataa tctgcgccaa ggggatatat caatgaatgc    300
aaatactcgc gccggttgaa tgatggctgg atctcatcat tcctgagctt actgctccgc    360
catatttgct ttcaggaaac gtccatatat cccagactgt gtcggcttgg tgtcggctct    420
tgggtctgtc tttccattct ttatatatta ttggctctgt ttcactgctg gccagggaaa    480
tcatgacacg aaaggctatg aggaagcatt ggatttgtgg cgatagttgc agaggcgcag    540
acagtcatac ccccacatgg tgttttggcg ttttggagtg gatggacctt ttcatgggac    600
tatatctata taaaaaaaac catattatat gctgtcggca ttntgtttat ttaagcattg    660
tgatttgaat tgattcaatg gactatg                                        687


<210> 6760
<211> 568
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G


<400> 6760
cgaggcatgt caggaganac tccntcctac ataggtcatc tgtcttaata tcnaacgtca     60
ctctccaacc anaangacno anggcgatcc caattactcc tccttattag aatcagaagc    120
gttttgctca gcgtcagcca tctccgtatc ttctttgtca tccttcttat ccgagctggc    180
tgcctccgga gcatgggcac tattctcggg atcggtgccc ttgacccaag aacggaaact    240
ctgatttatt tattccacct gatcctttgc ttaaactgtg ccccaatatt gcctcatttt    300
tccaatttgt gctaaaattt accatatttt tgtacaaccc ctatcataat attatttgtg    360
ttgtcttccc accaatctcc cattagaatt tgtccctgta atttttactt gaatctgtaa    420
gtattttag aaaacttttc taagttttta tgcaacaatt acttattttt cttttttgctc    480
tttgcttcat tctttacttt tttattgtac tcatatttgt ttaacacact actattaaca    540
ttcctctatc ttccaatata tactctac                                       568
```

<210> 6761
<211> 658
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 6761
ctcccgcagt cctcaaaagg gaaaaagaaa tcggtcgtgt cttttgagcg ggtctacccg   60
ttgctttcac cttaactatg cacaacatgg cgatgaaccg gtaaacagcg gacaaagaga   120
aaagaggact agaagcagaa gccgacaaaa gccaaatcat cgccatatca atcaaccacc   180
ctcaccaaca ccaccaaccc gacaaacatc agaccacccc tgaaatccaa gcacacatct   240
tatctcactc ttgctgaatg gtcaaccagt gcatttgtct ggacttttcc tttctttttt   300
ccttttggt ttatttctcc taaccctccc ctgacatgac cgcatcgact cggttggcaa   360
gacaatcgtt ctcctgtgct tccggccttg aacaggaga gtcgacgctt tgacttccag   420
cgctgcagaa tgccgcctcc aacctccctc gtcncagcag cccctccatc tgctgaggac   480
gatcaattcg ccgccagtat ttggagaaaa cgtttcgaga aaagacctct ttcacaacaa   540
ccgatgattg cgatactcga tgtggagtac aacgaattga cccagtcttg ggagagattt   600
caagaaaacc ttcctcttgc agatcatgtc gaatttcagg aacgaccaca gacgtctc   658

<210> 6762
<211> 667
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 6762
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caagtttgcg tacctagagc agcaacagga acagtcaccg accgtctatc agtccccgta   120
caacatgcct tctggcttca gcgagtatgc ccagaagacg tttgggctga ctccaagcga   180
gccggagctc cctaaaccct cactggccaa tgactacttc gccagtcttt ccccggagga   240
ccaagaaaag attctaaaga cctgtggcag ttttgtgcaa cgggccattg agcgatccgc   300
tagccataga cgccagagct ccgcatctaa cctccgactc gcatcggcac tagcccagca   360
aaccgagaac ccaacgatag acataacaac agtcgaggac atgccattgt caggtctgga   420
tttcccacta catgcggact ctccgggttc cagtttcagt cgtccgcacc tgcgcttcta   480
tccccgaacg atgacaacgc tcacggacca ganacacatc acgaccatca tgacctcttt   540
gcgaccagca ggccacacac gggtcttgca catggnccct gggttggagc gatggcatac   600
cgctaacgaa aatctcggca tttttggact acgaccggtg aagcccgact tcctattgac   660
tttcttg   667

<210> 6763
<211> 647
<212> DNA
<213> Aspergillus oryzae

<400> 6763
tctcacgatt atgtcgctat tgtaatcgcg gaagaattcc acctatttat atacgataca   60
accatttccc aagatactgt ctacggtcct ggtggccacc gtatcgtaac cgtcgctcat   120
tcaaggaaac tgggcctgtg gggtataatt gacccaatca gagaagtcca tcccgcctaa   180
gttcagttcc tgatcaacat ccgggaacat agcaccgaat gtcgggtcgt taagcagctg   240
gtcaggaaac tgcatcaaga taggcggctg gcctgctggc ctatcaacgg cggtatccgc   300
gtacgcaggt gaacaaagcc gattaatgac ctgcagacaa cgagctgcaa gtcgattgct   360
actcaacgaa agatgccata acaaggtctt agtagcttca atgtccttga gcccaactgg   420

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ggcatcccga ctggtaaggt ctgtcataag caaaatgata ggggagacac cacctttgaa      480
acagaggtag agcatatcca ttgcctctat ctcgtgcaaa aatagtggct catgaaaccg      540
ttgatggaga aaatagtcaa acaacctttt tgaaaacccc acattttgct ttcggtttaa      600
aaagggctct ccgtttattt aaagaaccag gggtcccatg tcttaaa                    647


<210> 6764
<211> 655
<212> DNA
<213> Aspergillus oryzae


<400> 6764

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ttgtctattc ctccctcccc ctctttcgac ttccaggacc aacaccgcca tcgtcttttt      120
tccctccctc caacatcctt ctacattttt ctttcggcct gttcaaaacc ttctctttgt      180
acataaatgc agtatacatc ggtcccacac acagtacata cgtcggcggc tctctcactt      240
gccccagtat cttgttaatt tgctcggcct cgccgtcatt tacttcctaa tttgtccatc      300
tctccaccgg tctcgtcacg ctgcagaagt cgattgacat acaatttgac gtgtcaatac      360
tccggaacat tttcctatta attcgtgaaa tcttttgccc ctcactcaag agacgaaagg      420
cgttgacgag tccgaataaa atcaataaac gataatcgtc agcaaccata ccgcttgttc      480
tgcgcctcaa atctgcgccg gaccgatcgt aacgggcctc agcggggtcc gaggaatcga      540
acaatttaag cccctacact aacacgccaa caacaccact tcgggcccac ttttttttttg      600
gtactacaca tcttgcatga tctttatttt gaacgctctc tgaatcatgg gctcc           655


<210> 6765
<211> 676
<212> DNA
<213> Aspergillus oryzae


<400> 6765

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gttagtggtt ttttgatgta ataatttttc tttatctctc tgtccccttt tcgtatttcc      120
tttccttttc tttgttcgat atctttctca ccgaaaatat tattcgcgtt cgaacatgtt      180
gggaatccac aagggagact tatctccgcg gagtccgcgg agataaaaaa aaaaggtaaa      240
aaatgagatc aacagttgga ggcgacggtt aatgatattt gttactatga taaagttcag      300
acatcgatat gtccaaattc ttagctttgc ttatttccag tgtacagagc tagaaaataa      360
gacacttgga tcaattacgg tccccccgga ccttttcttt tctgtggtgt taatattggt      420
cttgaggttg gttgatctaa ctcttgaata tatattgccg aaggtatact ctggaaatta      480
ctttcccacg ttctgattgg gaaatataaa tatatatcat tttgttattt tatatagaaa      540
tatagttacg acttgtgatg aagatataat gtctttgtgg ggcgtctata catttttttt      600
aagggccccct ctatggttat tttttttttt accccttata tatcccccct cccccaaata      660
tcttttttat aaaaag                                                      676


<210> 6766
<211> 673
<212> DNA
<213> Aspergillus oryzae


<400> 6766

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gtcgcggaca ttacattaag caacagcacc aaaatgtctt cccttccacc cggggcagct      120
cttgcaagca cagttacttc ggtcgctgca cttggttttg tacctgttgc cgtgcatttt      180
gatctctttg acactttggc aaagatcgag ggcccagcga gcggagaaga tgttctggtc      240
gcttacagaa gtagcaaggg tgataaggct gaagataatg tgccatgttt acgtttagtt      300
caggataccc tatatgctat gtccggtctg ggttttgttg acattgccgg agacgatctg      360
tacagcgcta atgcaatcac caaacacttg gctaccatgc cttctgccca gcatggtgca      420
cttcactta caactgaagc tctcctgggc gctgcattct tgatgaagaa actgaaagca      480
gacaactttg aataccctt taaggagctg gagacgcctt atcagtacgc ctatcactca      540
atgggccagg aggagctagc aaagcaacac acttattcca ttatggctgc tgaaggccgg      600
atggacagct tcaaccactt tatggttggc aagttcatga agacaaatac tgccctgat      660
cgcctcaagg cat                                                          673
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- 2400 -

<210> 6767
<211> 639
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 6767
ttcgcccagg ccggcggaaa ccccttcggc ggcggccagt cccgcggcgg attccctggc   60
ggattcccct tctaatccac ggacggcacg tattcaacgc gacagggata acagaacata   120
taaatcttga aaggaaacca gaaggacgga accgaaaaaa gaaatcttta atgactgaca   180
agtcttgtct gtggctgcat ttatctgggg aaaggtctcg ttcttcaccc ttttctcttt   240
tnctacttt cgccgatcaa tccatcctac gctgtctcat ctatacgcgg tctttgatat   300
tccccggtg cattgcatga tttcagactg ttaagcacga tgcgatagac ttgatgctnt   360
gccttgttta tttaccattt atcttctttt ccagtttcac ccccttttt ttattcattc   420
ccaacctagc atagatggga cgcttgtttt atttgtgact tttctcttcc tccatttcc   480
tttatttttt cgtttctcct tctgctttc caaagaccac cccctgcga tctgtaagca   540
gggatgtgtt gaatatggaa gacaaacagt gaacatccta gtggctacat tctggcgtta   600
tatactcttg ggtcttatgc ttgctcccta ttgatactn   639

<210> 6768
<211> 705
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 6768
ccacctctaa ccattctctc agtcatgttt cgttgccggg acattgtatc tcgtattgtt   60
cttctttctg tagctttttt gtcactgaca actttcacgt tggcatcttc tcctgcctca   120
ttctgcaaat gcacctgttt ctctaacagc accatcatcc cactcgatcc tgcgaaacca   180
gacactacca ctctaacaaa ccttttccgt atcctcggcc gtagcgactc caccgatgat   240
cacgacaaca caaatgaaag acgagccaac aaatatcgct cgctgagctg caacgattgc   300
aatcgaaagt tttgccttga ttatgactta ccaacgtgta aagatgcgaa agaggaggat   360
gtatttacta catgtttcca gagggactcc aggaaagacg aggccattgt gttcattttt   420
ataattgcta caagcggact gcttgcatgg gctgtcttca accatgggt acagaagtat   480
ctcgaggcag caaggaacg gcggtcatac atccctgtgt ctgaaaatgc ggaccgataa   540
atgttgccct gctactaagc ctcttctaga tatccataat gggtatagta gctaccttct   600
tcggnnaaan anannnnnn nnnnanagag nnananagag aaaaaaattt ttctgcggcc   660
gctcgagcca tgattttaga gggccccctt atttgaattt agttg   705

<210> 6769
<211> 675
<212> DNA
<213> Aspergillus oryzae

<400> 6769
caatcctttt acagttcatc tgttcgacag ttccacaggc tagttcctgt ttgctttctt   60
caatcctttt tttgattctt ggtttcttgc ctgtggcagt taccagacat tcctttttcg   120
gacaaacacc attgtactac gtgtgacaaa agtagcgccc tcgctcatct tcattatacg   180
gacaatcgtc tctcgatcag aaagtcattg ttctctccag tcttgattaa agcaggcatt   240
gttactccgc cctgcttcta ctcaaaagac tctttcgcac gactacatcc aaggtcttgt   300
cccgcggttc tgattcgtcc ggtacgatca gaatctccag ccattctttc agctgtcaaa   360

- 2401 -

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cagtccgatc tatagcacca ccgttccttc aaaatcaaaa tgtttagcaa ggctttcctt        420
tccgctgctc tgctcggcgc tgccgccgtt gagggtcaca tgatgatggc gcagcccgtt        480
ccttacggca aggacactct caacaactct ccacttgcgg ccgatggcag tgatttcccg        540
tgcaagttga ggtccaacac ttaccaggtc accgaagaga acactgccgc catcggtcaa        600
tcgatgcctc tgtctttcat tggtagcgct gttcacggcg gcggatcttg ccaggtcagt        660
ctgaccaccg accgt                                                         675


<210> 6770
<211> 686
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G


<400> 6770
caaaagcaca aagtgggata cgtgcatcgc cttcctaatg tgccattcgg aatcatacaa         60
tacagaccaa gtggctaaga tagcagcaag ggtgaacacc accagtatat ggtaggccca        120
aatgtagagg gaaataaagg aaatgggaag aaagagatga agtatataga ttgtataaca        180
agaagattaa gatatcttag ttgaatcgaa tgcttcatga atttttataa tgattacttc        240
atgtgagctt ttattttcta gcttatttat ttatttgcta tgtcttctta tttatatttc        300
actttatatt tttatttta tataactatt tattatcttt ttatttaata ttattattat        360
tgannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn        420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn        480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn        540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn        600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn        660
nnnnnnnnnn nnnnnnnnnn nnnnnn                                            686


<210> 6771
<211> 639
<212> DNA
<213> Aspergillus oryzae


<400> 6771
gaacaccgac ttcgcgactc gcaagtccgc accccgcctg ggcgcgaaga tgacaggaaa         60
ggataagact atccgatcga ctgcgactgt gaacgaagtt gtgggcgtgc ttgaagcgaa        120
gcagattcaa agcattatcg agaaggaatg tggggcgcaa actactgtta tcgatggttc        180
ctctggctct tatccatccg actttggcgc cgaccccga gtcctttta ttaatttccc        240
agtgcttcct ctgggtaagg agagggctca gcagctttct gacaatgatg gccttctttc        300
tgatatcatc gaacggatac cttcgtcgaa gaagtacacc attctctacg taacatcacc        360
tagggaattc ggggagtccg actcggttat ttatcaatcc gaaactgatc cctaccaaga        420
tcctgttcac atggatttga aacgagattt tgcggcgcat agtcgtcgct cggagcctgc        480
atctaacaag tcactcttcc aagagtatca gtacctcaca ccaggtctct tcatgggact        540
catggaaccc tttgcttcat tatgattttg tatgtccgct ttaacggcct tgtccagctt        600
gaaagtcctt aatgccggtt ttgaaaaga cacctcccc                              639


<210> 6772
<211> 909
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(909)
<223> n = A,T,C or G


<400> 6772
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ccaagccgct gatcacaccg atggtacacg caaaggccgc cgatgcgcta aaacgtatct     120
atcggggtcg cattggcaca tcagaagtgg aggggggagta tacagatatt gcgatggatc     180
ccatgtcagc atcccatcca ggaaagtcca agatggaagc ctcagaatcc gctccattcg     240
aggttgttcc tgagaatcat ctcgacttct cctaccataa ggaccggccg gatttccgtg     300
atgagtttgg cggtggtatc tatggccggc cggacgattt gatcaccgaa cgctcgcaga     360
cgccacggac cggcttaggg gagtggtcgc cgacttcctc acgagcagcg tccccaacgc     420
catcgcttcc ctccatatcc ggattaagac agtacgatgg ctacgacaca agtactaacg     480
acctcgtcca tcctgcattc cgcaccccac tgtcccactc agagagtggt ctggtgggca     540
acggactcta tcagcatggc gacgagagtg aagcacgact gctcagtcag gcgcaggggc     600
cggccatgac agacagcgct caccccttca atcgatggcg gccaggggga tacgggcctg     660
tggaacagga agatcccaga acctnctacg actactaccg cagaccacga caactgtgat     720
taacgacatt acctgaatat accatagatt gatttcttca gtttcttttt tttcccgtgt     780
tttaattggt tattgtttat agagctttgg agtgtatttg gatatgactg gacgtggtca     840
acggaagtaa cgctgcatat acgtgcatat gatctggata tctgggttgt aaaaaaaaaa     900
taaaaaat                                                              909
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<210> 6773
<211> 682
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 6773
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ccatggcagg cgacgacaat tcaaaccgca atagagattc ttccgcccag agctctcaac     180
tatggcccga tgatgacaac ccgttcgttg ctttccgtcg ctttgccgac gaacagattt     240
cctccatgtt acagtcagta acggggctgc cgtctatggt cacggccccg ccacccgatc     300
attggtctat tttctcagac gacagatact acaaagacgc gtatactcgc caaagacgaa     360
gcggtgacgg caacgaagga gaccattatg caggctcaga aactggcgca tcagccgagt     420
cgactgataa tccaccatcg aagtcgcgct ggccaggatc agatgatcct tggcagtccc     480
atcgtaccag aagacagact ctgcctcacg actccttcga tatcgacttc tttttcgata     540
tcttttttcga cagggtctgg gtcgatgatc gnggtctttt ccgttcttcc attcgtccaa     600
aagcccctgg tctcagcatg ataaacgaag aatcttcggg ctgggctgtt actaccttat     660
ggttaagcct tacttccctt gn                                              682
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<210> 6774
<211> 655
<212> DNA
<213> Aspergillus oryzae

<400> 6774
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tctcgatact ttctgccgtc aactcatacg ctcaggctac tactccatac ccttctcaac      60
gcatctctac agatattctc tattggccca taacatcttc tgaaccttcg gtcttcgccc     120
gcgtctccta cgatccaact tctttagagt ccaacgtgat atcctactca cctccaagtg     180
aggacaact tgagtcacca acctagtgc gtatcggcct atatactcc aatgggatcg        240
accccgaaca atggaccggg actctcargt cttggtctgc catcgcagga agtgatggac     300
aaaggccaat gcttcagctt tatctcgatt cttctaataa agttaccaa gtggccctga     360
cattatcatt actcgagtct accgttgcat caaacactac aagccccatt atgaaactca     420
tccctctcga agctggacct cgaccgcatc ttaatcgccc tgttgttgtc agtccagatg     480
gcacaaaccc tgaagatgtc gctgagaaaa cattcttcca gaagtattgg ggggtttttcg     540
tcctcatcac atttctggct atgtctggta gcggtgaaga acaatgattt ttttgggcg      600
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<210> 6775
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- 2403 -

<211> 680
<212> DNA
<213> Aspergillus oryzae

<400> 6775
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tattttatac tcacatactt cctttgagtg aggagcttgc ctcttctgcc taccttacag   120
cctggtccat caaccattgt cgtcttgcat atcctaccga cttcgactct tcgagcaata   180
catcttatca caatggcgac tcaacactat caagctcccc cccttcctat caatgttccc   240
tccaaggcgc cggcacctgt caatctgtat cctatcagcc gtgtttcagg atccccacca   300
gatgtatctg ataccagcac gacggcgggt agtcgcacat ccgccggctt cagctacggg   360
tctgggagta tcagcggcga ttacgagtcg agttctgcat cgtactctgg agtcgatgtt   420
gtcgatgtct tgagtgaccg catgcagaac gtgtttgacc ccacgccatt ggataaaggg   480
ctggcaagac aggcacaggc ttccggacag ctgaatgccc aaacaacgtg aactccttga   540
attgcaagct ctcgcccagc gacgactgca aggtgtacgt gccaacttct ctgacggcat   600
caaagtagcc cgggagacta agagggaccc tggaatggac acaaaaaacg agtgagtgcg   660
ttgaaggcaa aagctgaagg   680

<210> 6776
<211> 664
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 6776
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gcttctccga agaaatagac gcaatacgcc tttgtcacat ttcgaacaaa atgttgacca   120
aatccctctt cgcaggcgca gccctaggcc tttccctttc atcggcagtt gcccacgagg   180
cccctgtcgt cgaaggcaac gagccccaaa ccgtgtacga agctgttctc caggacaaag   240
acaacaccac tgttcgagga acgttcacta cccatggtgc tgaggatgga attgggattc   300
aatttcgtgt cgctcttact ggagttccaa aagatacatt tttaaactat cacattcacg   360
acaacccggt gccgaaagat ggcaactgct atgccaccgg tggacacctg gatccttaca   420
agcgcggtga ccagcctcct tgcaatacaa ccgtacctca gacatgtcaa gtcggcgaca   480
taagcggaaa acatggacct gtctggactg ccgatggcaa ctcgaagtct tgtacaggac   540
ttttctcttc gaatgtggag acactatcgc ttttcggaa ccgtcggcgt tgccatctgc   600
cgataacaaa ggataatggg gaacttcact gnggtccaag ggaggaaaaa naaaataaaa   660
nnag   664

<210> 6777
<211> 639
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 6777
ttcgcccaat ccgctttttc tctttgttat ganannctag gccgagggga tttgggggct   60
tttttaaaat cccctcgacc ccataaaccc cgatatacat acatacagca gtggatcatt   120
attgacagaa gatcatgagt ttgtttagac ccttgatctg attgacaatt tctaggccca   180
ctgcttgagt ttttcatgtg aagggtcaac ggattacac aaccgattga cactaagttt   240
atacacatct acacatccat tacaatcgtt tccttgcacg ttgttctccc gataaaaaaa   300
atgccttccg cagccaaagt attttatttg gctgtgttag ccttcttgag gctcaccaat   360
gccgagtctc aacaccatga ccagaataca tgcgccatcg aacctaaagc cacggtctcc   420

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gacgcttgcg tctcctacaa caacattgat tcgttgaacg aaaaagtcta cccttttcctt    480
caaaccatac ccaagaaacc cgactccttt aatactattg gctaattctc ttaacaaaat    540
ctgcccctt agtcaaacaa aaataactga gggagacaat ttaagctccg taacacactg    600
aaggtaaaaa agattcccga tcccggggaa gcaaggacc                           639
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<210> 6778
<211> 377
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 6778
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cttcctatgc cagaaaagtc ttccaattat tgcgcctaaa cctgtttata tttgatttct    120
ccttctcttc gttattattc tgcgttcccg atttcattct ccttcaactt tctgcacatt    180
gggtcccgct gtttagtttg atatcttatc atttccttcc cgattaacac ccacatctat    240
actgtacaag cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnnnn    300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaaaaattt cttggggccg    360
ttaaaccttg tttttaa                                                   377
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<210> 6779
<211> 608
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 6779
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ggggtccaag tttagcaacc aaccattcga gtactccaac tatctctgat cccagagcct     60
gttggtggca gttttactcc ctcctctact cctgctggtc tcgacttctt ttaatcagtc    120
cttcaccct ggtttatatc ttcctgggcg gttaatactt ttatatttgt ttttttatct    180
gtcgctagta ttgtgtgcta cttggcgttc gcatcttcat tccagtacat atttacctaa    240
ttttggtcta ggtctattac tggtgttgtg tttataagga ggggaaaaaa ttctgtttgc    300
atangactca ctagcagttg tgctacgaga tngtacattg gcgtttatta tccttttttcc    360
ccccacaaag gtatcttcaa cccttcctct tgcttttcac ctctgccgct tttcacactt    420
ttcctttta atccaaaaat aattctttcc naatcaaagg ggttgaacca aaggttcacc    480
ttgttgttcg ggggattgcc cctccggatc acctttggaa aaaaaaaaaa nanaaaaaaa    540
aattttggag ggcctgtttg ggtttcccaa aaaaaaaac cccnnnnnna aaannnnann    600
anannnan                                                             608
```

<210> 6780
<211> 617
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 6780
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cgaggcataa tacatcacca tcaaaaaagg gtccgccctc acctcaaatg cccaagcaca     60
gaagttttat atctagaact caagatttct agcataggta ctttgtttta tctgggcgtt    120
```

```
cggtttgtgg cactaataac aatcctagaa gtgcacccac aatcggttca ttcataccgc        180
atataccata gatggataat caccgggaca aggacgggaa ctcaactact agaataaata        240
taaccagacg cgcacttgag tgtatgctta tattcagtac cctgggttgt attcaactat        300
atatcacaga ctggttcttt atggagggga actatgaacc tatttatacc gtatgctgta        360
ccgcgtctaa ctctacaata atgtatttct acttgagata tangtagtcg tgaagttacc        420
tgtaagcata ttgctaagaa tgcattcagg aaacttggaa canaaaataa tacagactga        480
atatgtcttg caaggaagaa aaaaaaaatt cctgcggacg attaaagctt gcttctaaag        540
agggccaatt cgcccttaaa gggagtccga ttacaattca actggcccgt ccgtttaaaa        600
accttcggac tgggaat                                                       617
```

<210> 6781
<211> 649
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

```
<400> 6781
ttggactaga ttgtaccagt cgggcaatgg aagaataccg aagctccaac atgtccagct         60
atgtcacttg ctggttgttt gatcaggccc ggaacaaccg cagcagcctg acgcagatgg        120
atcccagtcg ttgcatctct acctatcaag ccggtttaga agggcggtcg ttcaatatgc        180
tagctgttac caagcagagc gatgcattga accaatcgac aacctttccc cctccgagaa        240
atacgactct gccagtgctg gcgtatttcc atcctctgga ctatccggat cagattgagc        300
aatggtgtag cggattgtgc caacgatggg ggcaaggcaa taatagcacg aagttctgct        360
tcgatgagaa ctgggatgaa gcagcggttc catttgcttg ccaggagcat aaggttaacg        420
ggacgggttg ggagcccaac gcgctgtcgc aaacgagctc ttggatgtgc caccccgacg        480
ccatcttata tggtgaatgc aacgggtccg cggcgacgag gaatgccacg aaatggacca        540
tnctaccgga gcattatgag atcgatcatt gtcttgtaac aaatgccagc catacctgcc        600
agctgctgta cagtccgatt atcttataca ttgcgaatgc atgccatac                    649
```

<210> 6782
<211> 641
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

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<400> 6782
gccgacttct cgacgaaaga tgctacctat ctggttatca tcaacagcct caagcatctt         60
ccctccgcaa aaatcgatgc cgccatgggt gtcagtgctt tagctatgct gtgcattatc        120
cgttcgggtt gcaattatgg cgcgaagaag ttccccgtc atgccaaggt ttggttcttc         180
gtttcgactt tgcgcacagt gttcgtgatc ttgttctata cgatgatcag tgccgctgtg        240
aacttgcacc ggcggtctaa cccgcggttc aagctcctgg gtaaagttcc tcgtggtttc        300
caacatgcgg ctgtccctca ggtaaattcg aggatcatca gcgcatttgc tagcgaactt        360
cctgcttcga ttattgtcct gcttatcgaa cacatcgcta tctcgaaatc ctttggccgt        420
gtcaacaact acacaattga tccctctcag gagctggttg ctattggtgt gtcgaacttg        480
cttggaccgt tccttggtgg ttacccagcg actggatcgt tctcccgaac tgcaatcaaa        540
tcgaaagcgg gtgtccgcac cccacttgcc ggtgttatta ctgcggttgt tgtcctcctc        600
gccatttacg ctctggccgt tggcttcttt tacatccnga g                           641
```

<210> 6783
<211> 795
<212> DNA
<213> Aspergillus oryzae

- 2406 -

<400> 6783

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gttcgttagc tacatacttt tacaagaaca aggattacaa tcatgagcca aatcgacgtg      60
cagctcaagg atgtcgccat cctgggcgcc atccccaatg acgcccgcaa gatcctcacc     120
aaggaagctt gtgccttcct ggcgatcctg caccgcacct tcaacccgac ccgtaaagct     180
cttctccagc gccgaattga tcgccaggcc gagctcgaca agggtcatct actcgacttc     240
ctcccagaga ccaagcacat ccgtgagaat gacgcctgga agggtgctcc tcccgctccc     300
ggtcttgtcg accgtcgtgt tgaaattatc ggcccgacgg accggaagat ggtggtgaat     360
gcgctgaatg ctgatgtctg gacctacatg gctgattttg aggactcgag cgccccgacc     420
tgggaaaaca tgatcaacgg tcaggtcaac ctgtatgatg ccatccgtcg ccagatcgac     480
ttcaaacagg gcaacaagga atacaagctg cgcaccgacc gcaccctccc aactttgatc     540
gctcgtgccc gtggctggca cctggatgag aagcacttca ccgtcaacgg agagccgatc     600
tccggtagtt tgttcgactt cggtctctac ttcttccaca cgccaagga actggtggct       660
cgcgggttcc gggccttact tctatcttcc taagatggga ggtccatctg gaggccagac     720
tatggaacga cgtcttcaac ctggcccaag attacattgg catgcctcgc ggaaccatcc     780
cgggtactgt cttga                                                       795
```

<210> 6784
<211> 655
<212> DNA
<213> Aspergillus oryzae

<400> 6784

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cacaactgtc gcgcgcaact tgagtggacc agctggagac cctacgctgg cacaatcttt      60
cgaccaggaa gccgctgcag ttctgatggc acgtattgca gtcttcaagg cagaggtcga     120
tgatggtccc gatgtcctta gatgggttga ccggatgctc atcaggctct gctcccgctt     180
tgcggattac agaaaggacg acccaacttc attccgactt gagaagaatt tcacgcttta     240
tccgcagttc atgttccatc tccgcagaag ccagttcttg cagttcttca ataactcccc     300
tgatgagaca gccttctaca gacacgttct taaccatgag gatgttggtg actcccttgt     360
catgatccag ccgaccctgg attcatactc cctggaacat gaaggcagcc agccggtcct     420
tcttgattcg gcttctatcc agccttccca cattcttctg cttgatactt tcttccatat     480
ccttattttc cacggtgaaa ccatcgcaga atggagaaag gctggctacc aagaccaaga     540
acgctatgag aacttgaagg ctcttcttga gcaaccaaag atgacgctag agaacttatt     600
tcggatcgct tcccactgcc tcgtttcatt gtttgtgatg ctggcggctc tcagg           655
```

<210> 6785
<211> 880
<212> DNA
<213> Aspergillus oryzae

<400> 6785

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cagacgacct gccaccgccg acaagatggg tgccctcaag tacgtggaag aaatccagaa      60
gaagaagcag tccgatgtgg tccgcttcct tctccgtgtc cgttgctggg agctccgtca     120
ggtgaacgct atccaccgtg cttcccgtcc ttctcgcccc gataaggctc gtcgtctcgg     180
atacaaggcc aagcagggtt atgttgtcta ccgtatccgt gtgagacgcg gtggccgtaa     240
gaggcccgca cccaaggtg ccacctacgg caagcccacc aaccagggta tcaaccagct      300
caagtaccag cgtgctctcc gtgctaccgc tgaggagcgt gttggccgcc gttgcgccaa     360
cttgcgtgtc ctgaactcct actggatcaa ccaggactcc acctacaagt acttcgaggt     420
tatccttgtc gaccccagc acaaggccat ccgccgtgat gctcgcatca actggatctg      480
caacgctgtc cacaagcacc gcgaggcccg tggtcttacc gccactggca agaagtcccg     540
tggtatcaac aagggccccg ggtacaacaa caccaagggt ggccccgcc acactggaa      600
gctccccaac acccagagct actggagata ccgttaagcg tagtttggtg gaaaactggg     660
gttgtgtgtc gtggaaaaaa tttcattttg aggatgggtt tatttcgatc aaaactcggt     720
tttatgacta tatccttgaa atgggtgcga gaataatgca tcagatcttt cggatcggat     780
gttagcaaaa atcttttcgc tggttcaatt tttatattcc cctaacgaag tatgactgtt     840
tctgttcacc cgcttggtga acaattgttt tcgactgttg                           880
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<210> 6786
<211> 689
<212> DNA

<213> Aspergillus oryzae

<400> 6786
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ggagagtatg aggattgctt gctgctattg gcttccttat taaaattctg gctcacgatg        60
acttctggat cggcttacac gggttggata catggagcgt ttgtgagaga gttgtgggat       120
gatagagatt gggattggtt gttgtggaga tggacagtaa gtcagccttc caagaaaaaa       180
gtcacggacc tcattgctgg ttgtaaaaat aaactcgtcc tcgggagacg cacgctgctc       240
cgccatccaa aaaccgcttt cagacaatgc tttcgttcta aaaacgattc tgaagttatt       300
acccattact tggttcaccg agccataggt gatgcataca tcagcataga cagacgccag       360
tcgtccgctt tccacatctc cagctactca gatctgcgaa aagaatacaa agaatcaggt       420
tatacccatc ttttgccgat tatcaatcgc tttgatgtgc ttcgtcagtg gcttggggtg       480
tgtgacaagc agcattcatg catgcgggaa aggtctcaag tcgtgccaaa gcgcgttatt       540
ttcgttggaa cagatcattc agatcagctg caaactcggg agtccggcca cataacacag       600
ccttttgact atttcacgct attccactgg ttgggcaagc ccgcccgatg aagagatgga       660
gcgatttcgt tccacgcctt caaaattct                                         689
```

<210> 6787
<211> 496
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 6787
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cgagggaaca aaggggaaga gaaagggctg gtttcatttt tccttcatac tttgtttctc        60
attatccatc ttccattctc ttcatttttt ttcttttctt ctaacctata tggggtgttt       120
taccggaagc cgatttatgt ttatcttcat cttgaccatg tgcattttat ccggagctcg       180
cttgtcgggt gagatgctta cgacgactga ctttgtttat tcttgttcgg gccccttccg       240
tccctattcg cgggcaatga ctgcatgatt gaacttgtat tcccacggct ggctcttctg       300
ttggacttgg tcgcgggttt gagcgctatt ttgtgttggg ctttctgtgt ttcggctcgg       360
tttgggtggg ttggtataga ctaggcgaat tggttaattc taagagtaat aggaaagatt       420
ttcccagaca agtgatgtat acgacattgc ctggggaana nnnnnnnnn nnnnnnnna       480
nnnnnnnntt ttcctg                                                       496
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<210> 6788
<211> 636
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(636)
<223> n = A,T,C or G

<400> 6788
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cggataggtc tatcctcctc gtttcgaccc ttcctgtatt tctctcttgc cggtgcgatt        60
tgtgcgtaca tatctatgac attcgtcctc ctcgagccac tcgacagttc agatgaccgt       120
ctatagtcaa gcacacgtg attgcgaggt aaagctattc aactgcgtca caccacggct       180
acgaatttg cgaacattc gaaaggttgt ctttgctggt attcttccag tagggacttt       240
ttttttgtcg tttcaaaccc ctccaatccc cagcacgtat ctagctatga ctactcctat       300
ggtggtatac aacaacatct catgaagaag gcatgagaac atccgttcgc gcatccgacc       360
catcgaggcg atctctcct tattgcacaa gatgccaaac aatcctgagc caccgtatcc       420
atgttttta tgatgccttc ctgaagcccg tcagtattta taaaccaaac ttactcaggt       480
gaagggttta acatccggag atcaatggga gaggaccttg ggaactcgtc acagtcagta       540
gttggctttt gaatatatac gtgccttgct cangnnaaaa aannanaang gncanaagaa       600
gggcttggtt ngaaatacat aaaaaaggaa attcct                                 636
```

- 2408 -

<210> 6789
<211> 677
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 6789
caaccctgng gactcggngt atgcctaacc acgaggggcg acttatccag ctgaccttcc   60
tgatcttctt tcctcttttt cttcccttcc tattttccta ttcaactccc ccatttatca   120
tcatctacac cccctttatt ttattttttc tttctcaaga gctggcattg tgccaatcgt   180
ttaacaagga ttttagtcaa tcatagaggg tcctactttt tggcgttgag atacagggtg   240
gaaaccagat ggcggcgggt tgactttcgt tgatataccg aagttccgga tgcattttgc   300
atacttcctc tcgctttcag tttttctttt ctttcacttt tacttttcct tgtctcttct   360
attttttccat atcctgcttc ctggttcgat tccctagtc tgcaagggtt gcgggctgtc   420
attattatgt gtttacgatg agtcttcata cccatggaaa tactccatct gtttcgtgtg   480
cgggatatcc tcgagtggat gcttgtttgg acgatcaaat ctattaccta ttgtgtccgt   540
ggttgatgtt ttggaatcta tttctgtttt gctcttagga gtttattacc atctatatta   600
ggtcacgtaa atctgtttgc tgacactgaa agatacggnt ccttgagtat actgcattgg   660
ttggatttag ggcaatn   677

<210> 6790
<211> 691
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 6790
gctttaggtt gccttttttgc tttcttcccc cacacggata ttccgtggca ttagcatcan   60
gtcattggag acccctcata ctgacacgtc cttataaaac tgtaaacttg tctgcttagc   120
aatcccgcca ctgtttgaaa attttttcttt tttttctatt gtctttgttt ttttcattct   180
cttccgaagc aacctctttt tttactccag actacaggtt ggtaaacact ggagctcagc   240
tttccatttc ccgttgtttt cggaaatacc gcgctctagt gcaattttac ccccaaggag   300
aagagcaaac ctgaggcttg ttcttcctaa ggctccccca ctcttcccgt gacgtccgtc   360
cgcctcccgt ccctagttac atacatncac acccctcttc ttttcttcaa ggcccaaaaa   420
ggtgccagcg tcgataagct attcacgccc aacgatagat cggctgagag ctagtgcatg   480
ggcctgctgc tgctactgca cactccaatc ttccggtctg cccttcgtgt cctcgtcac   540
ccggttgatc tatcaaacct tcccaggttg atacccaact tttgttaact gcgccctgtg   600
ttgtcttcga aaaaagaag aaggctcgac ggtagatctt cggaacctac ttttttttt   660
ggcaacacat accgggttgg gggaaaacca c   691

<210> 6791
<211> 670
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 6791
ggaatataag cgtgtggatg aggagacgct acaatcccgc gttcttctct cggactatcg   60

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tttaaaggcc atctatctct ggtgtcctaa tgacaaggat ggtggaggtc ccgggtggcg      120
aatcgcagaa cttctgcccc acgaagacag tagggcagat ggcgatgtat ggtcggcatc      180
gatagggggaa gccaactctc actccaagga acggctgata gaggatactt taaagagcag     240
cggagaaaga ggaggaangc gctaaagacg aggaagacga cgacgacgac gatggttact      300
gggctcagta tgacgctaca cctgggaggg acccatcggt gaaaaacgcc gctcctaatg      360
cacggtcggg gctttcagca caggacatgt cggaggcgtc ctacttttc gcgatatgcc       420
gatgtgcagc ggcgaatggc aaccatggac cgtcngnaga acaagcggga ctctcgacat      480
cttcgctggg ccggaaactg ctgggcaacc tcctttaacc ctcatgctga taatgaagca      540
tccgagaacc aactggaact taatggtcaa ggngaacacg gcaaggcaat ggancaacca      600
agaacgttat cgggctcctc caaaagttgg aaggctgtgg caaagcttca gttagagggg      660
gaaaaacaan                                                             670


<210> 6792
<211> 641
<212> DNA
<213> Aspergillus oryzae


<400> 6792
gatggccaac tggctcatat gatttggcgt atttagcacg cggcgggaga agttgaagct       60
cggtatcgat cacaaccagg cccctcgcga agaccttgcc aaatttggag aggcagccgt      120
acaatcaggc aaaatcacac ggcaaacctt gaatcgactc aagcggcagg aacccatcat      180
ggccaattca gcggaccatt acccattatt ggtacctgca atcctggtcg ttcttaaccc      240
gggtgtgtcc aatgatataa ttaaccgcat tggactatgg tatgcggaat cacggttggc      300
gttcgggttc tgctacaagt ccattgagtc tctcaaactg accttggttc gttcggcctt      360
ttggtggtca ggcaatattg gctgcttcac cgttttgggg tttgcctcga agaaactgtg      420
atcgtactca agtttcagaa atcttcctct tcaactggga tctttccctt aatgccacca      480
aggaccaaga ttacaaggaa tcacaatgca aatgtgtaga tcagttgcgg gtaagtggag      540
gtcgatacga gcgttttgaa ctttccaaag tttccattga gtccatgaaa ttagatcctt      600
tcggattgtg gggctgttgt ttgttgaagg aaatgatctc t                        641


<210> 6793
<211> 655
<212> DNA
<213> Aspergillus oryzae


<400> 6793
gtgccagcag gtggccctcc cacgtttat ccgatcagtt caagtgcact cgttcgactt        60
cgggactata ccacctgatc ttgaggtgaa agatatctgt gagccgtttg ccgacttcta      120
cgaggaggat gaagatgacg aaacatccga tgtgtccgag gagctggtct ccgggcatgg      180
cacccagtgg caccgggatc tcaacgaacc cccatttcac gaggaaatgg caatgaatcg      240
cccgttacga gacccattcg atgaagcttt tcactcatcg actttgcggt cacctatgga      300
acacctgaac cctcacttcc ttcccgtgc gggcactccg ggtattcctg cggaacttc        360
tacgttaggg taccacctta tgtcccttgg tggattgtcg gggacacaaa ctcccccttgc     420
tgcggttgca ggcggtacac cgttcgcaaa tggttggact gaccctggaa tgggcgcaag      480
tagcaagggc catccatcca tcttccggcc gactgcggtt catccatctc gcatggaagc      540
tgatattgaa cctagcaatc ctaccttacg ccccttcgaa ctcttacacg gctttcttca      600
cattccgttc cgcgtccaac cagcccaacg ggagatgctt cgaacgggaa aggag          655


<210> 6794
<211> 744
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(744)
<223> n = A,T,C or G


<400> 6794
aaaaaaaagc tcacgaaagg gtctttaaaa accgagcatg agacgttgac ccgcactggg       60
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2410 -

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tttatcggga acggacacgc cctccggtat tgtgggcacg ttatttttct acggacccgt    120
gtttgagcgc cttgcaaatt tcatcatgga tcggtttact tcacagccac ggattggagc    180
gcgaaattgg tcgtcttctg ctcctgccgc tgtggaggca cctccaaatt tcgactcgaa    240
ggtcaccttt actgctgctc gtgtacgagc cggctttgtc ctggttaagt tcggggctga    300
tcattttgaa acagccaagg attggctagg tagcattctt cgtgaagagg ggaccgttat    360
tgacgaattt ggtgaagaag ctttgtgctg tttgtgattt ggttgtgcat tttttcagtt    420
tactttctag ttcaatttgc gggcaatagt cccgatcctt tgcatgcagg ctgaccgcca    480
caaaccaaaa acaagaggac tgtggaagtc tatcagatga tacccaaaac tggatcctgg    540
acgatctaat ctttctacat atcacatttt gatgccccaa atacaaagaa catgtattgt    600
ctcgcatcaa tcatattgcg ttgggcaaaa ataagaaata gttaaagtag ctcncaaaaa    660
aaaaaaaaac atcgtgcngc ctcgtgctga aagcgcagcc gcggtcggaa tctcctaaat    720
gttcagatgt tacaaaggct tcag                                          744


<210> 6795
<211> 704
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 6795
nggctgacct gtccgaattc ggcacgaggg cattactgag acaggctttg gggtcagccc     60
ggacacgagc acagaaactc tcaagaaggg ccacataact cctcctattg ttttcacgac    120
ayaggagggg tcctcatcgg tcgacccaaa cacacctttc atccagacgt ctagtgtcga    180
agatgacacc gagacaatcc ctgattctga agccactcca cggccggtcc ataccccttc    240
actcggccta gattcggaga ttacacctcg tcaaggagga cgatagaatg tttacgttta    300
cacttcggtt ggaaagatag actgtttgcc tttgatttag aaattgctga ggacgcaggt    360
gtgtcgttgc ctagccaaat attctgcatg tttcctgtgt ggttatggcc ctatttcctt    420
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tctccattct gcttggtttt ctttttcttg gtggttctca ttccattntc ccttgcggng    540
gttagcggtg ggttcggagt gattgatatc atctcaatcg ggtcatttgg agtctttctt    600
ttcttttcac ctttcattat ctggcttnca ctggttgtgc accatatcca ttcattccat    660
ttcctaatgt ctatcactca tattctcatt caaaaccaac aaaa                    704


<210> 6796
<211> 734
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(734)
<223> n = A,T,C or G

<400> 6796
gcgacatctc tgtcgagcct catactggac accatgagga cattccaatc atcagtatcg     60
caatggatgg ccttcctcct tatgtgtctg ggcttggcaa atgcccacac ggtcatcgtt    120
tatccggct atgagggaa caacttatt acaaaggca ctgttgcaga agccaacggt    180
ctcggggtag ctatgagccc caacgcaaca gacagcaact actttatata ccctatgga    240
caacaatgga tctatccttg cggaggtatg cccacctcaa tgaacagaac caagtggcct    300
gtcagcggcg gtgcggtctc tttccaacct ggctggttcc agggtcacgc cacagcattc    360
atctacatca acttaggctt gggaaccgtg ccgataata tgagccatcc catgatctca    420
cggttccaga tcaacggtcc ttctaatgag ccgtaccggg gcacagtttg cttgccacag    480
gtccgttac cggccaacat cagcgtgagt ccaggcgacc acgctacgat tcaattggtt    540
gagacggcta acatggcgc tgctttgtac aattgtgtgg atattgaatt cgcagaaccc    600
gaggacgtcg ccgaggtcac ccgcgataac tgcttcaact cgagtcatat caccttctca    660
cagatcttcg ctgcgacgtc tctgacgtcg ggtgctgttg cacagggtac aacgagaggg    720
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<210> 6797
<211> 538
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

<400> 6797
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cgaggagcgc ttgtctcaca ggaccaccca gtcatagctc cactagcatc caccgaccat      60
acttacaacg agttcttggt ggctttccgg gatgaccctc gcgggctgcg accggctgtg     120
cgactagtgg aggatatgct gcacgcttct aaccaagacc gggaacttga cgatcgggtt     180
acngttcatg gcaaaccatc ggtgcggacc tggacgatcc ttatgagcgc cttcaccttc     240
aataaacagc cacttgccgc ggagaaggtt cgggagatga tggccanaca cggagtagaa     300
tacaaccagg ttacctggaa cacggtcatc aacacctatg caacgcgcag aatattgcgg     360
aggttgcaaa gtctatcaag ccatggaagc tcaagctatt cgatgattca tatacattga     420
atgtcttccc tacctcaaaa atcaaaccgc ctattgtatg cggtaaaaga actgaaccag     480
gcgaccgatg cttcgcacga tttgggaacc tccttggtat aaaggcttta aacatgaa     538
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<210> 6798
<211> 669
<212> DNA
<213> Aspergillus oryzae

<400> 6798
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aaattatact tcgagctcat ctactgcata tatattctcg caatggcccc aacagaacat      60
gactatcagc cacaggagtt tatccttact cggacagggc cattgcgaat aacatgata     120
attgcccctg aaagagacga gcataattcc cgttactttg tacacatcaa tgggttattc     180
cacgataaca cggatattac cttgcatgcc agcgacagca agaatggtcc gatcctcggt     240
agctgcaggt tcaacaagtt ctacaccact agaatgcacc ttaccctcgg tgaccagcaa     300
tcatatctga tgttctcacc gcaatatggc tgctatagct ggtctctaat ggttattcgt     360
cacactgagg ggaaagtcca acaaaggcgg gaatttctat ggaaaaggac cgaagcatcg     420
cgagtctcag gcctgctagg cttggaacta tgtggtgcag acacgtctga catttatgcc     480
gagtattttg gagcggcgtc agggagtctg aaggcgggca aactgcggct tagatatgat     540
ttgggcgaca tttggaggac gatggcactc ttgaccctgt ctgcattgat agaaaaggag     600
aggcaacgga gggctcgaca agggcatact agcattgcga tgcttagttc ctagagtaca     660
gacttgttt     669
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<210> 6799
<211> 722
<212> DNA
<213> Aspergillus oryzae

<400> 6799
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tttcctgcca ccctgcgtac accgacttta tatcgccctt gtttcttatt cccttcatct      60
ctcttgcggt tgagtaatct gttcttcacg aaacccaagg caaaatgcgc cattcagtat     120
cagatcccga cgtggacgag aagcttctct ccgatgagga agctacttgg cctcgtgaac     180
agaagaaaaa tgagagcctg ttcaagaaat gtgcaaaata tttccttttt gttgcagtcg     240
ccgtattctc ctgcttagta ggtgttgttc ttggacgtca gcaacacaat ctcgataagg     300
tctgcactcg acaactcaca caatactccc cggtgatccc agaagtcggg atcgaatacc     360
accaagaaca gtttaatggc tcgttcttaa aagaaaacat ttatcggcaa gaagcaagcc     420
ctgaagtaga tgctgcgtgg gaggctcttg gtgtcaacta cagaagtctt agagtccctg     480
cagaagaggc ccaaaagtca ggacttgccc ctgaccaggt gaagatcaac gaaaagtatg     540
gcggagggta tcctgcaaat gttgaggggt tgcatcatct gcactgtctg aacctcctca     600
gacagtccct ctactacaac tacgactact atcatgaaca aggccaaagt gccttcgtga     660
acgaagatta tattgtccga cgccacgtgt cccattgcct ggtcatcata cgacagcagc     720
```

<210> 6800
<211> 667
<212> DNA
<213> Aspergillus oryzae

<400> 6800
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gcacattctc ctctttatcc agaacctata tcgacattac atctgtatcc tatctcattc       60
ataaactcaa ccgttgcgag gcaatatgaa gatctctact acttttctct ataccttcct      120
cgccatcacc accctgggcg tcgcgagccc cacgggaaac aacgctgttg ccgccgaaaa      180
tgtctcgcct gcttacgttg aaaccgagtc tttcttcgag aagcgtaagg gctgtagcgg      240
cgacaggaaa gattcagacg tgtgtggcgg aaagaggctc gcagaacaaa actcctttca      300
taactgtaag gggaagagca agggtaaatg ttgcgccaag aattcagacg ggacaggagg      360
aatcgacgtg aacaagggcg gtggtgaaac ttgtggctat tgcttcagtg gcaaatgctc      420
gggctgattg gccttagcat gaggatatct cgcatggcat cggaaggagg atgtccagaa      480
attcgttata tagaggatcc ttgaaattgc cgtctagtcg gtggtaaata gcccatgttt      540
gattctacca aactcgagtt tgtcatgtgt gtccagaata acaattcact taaaacagtg      600
tccatatggc aaaaatatat taccgtgggg aaaaagatgg acaaaaaatt tccggggggg      660
gcccccaa                                                                667
```

<210> 6801
<211> 637
<212> DNA
<213> Aspergillus oryzae

<400> 6801
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caagtaatat tctagctgga ttatccaaag tgtgttttat gttgtccttc catggtatct       60
tccaattcgt ttgctgacag catatgccat tccataatgc cctttaaaca acccctctac      120
cgtatacgcg atagccgtca cgatgacgag tgacattatg tctccaatta taccactaac      180
tggattaatt acataccctc gctatgacat cccctcaacg cttaaacggg tggcaccctc      240
caggttgtac ccgactctca tattatttca caacattcca cgggcactgt cgcctcaagt      300
gatagacaca cgcatcccat gcttcacatg tcccatttac aacatacatg caacttcctc      360
cgtatcactc agacacgtcg ttctctcatc tatcacacac cacgtcacca gagacatttc      420
gtgtcacagc ccacatacca ttacctatct ttacactacc acgtgcaatc tcatgcatga      480
cacacgctca caatatgatg acatctctcc atcatcacac ctcatgacta ctttatcaga      540
tgatacacta cataattcta ccactcaatc acccgattcg ctaccactac gagacgttat      600
cctaaccata tcattgtaac atacttgcca cctatcg                                637
```

<210> 6802
<211> 674
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6802
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gaatcaacca tgaccgtctt tgaagtttca atatctcaga gatgtatcca gatatgccag       60
aactactcaa agtcttgttt ggcttggacc tgngagtcgg agaaacagct ctgccatatc      120
agcaactgga tggtaccagg agaacaggct gaaggtaaaa cctcgggaat caatgtgcca      180
cgtgcgaaaa atcttgttag catgtgtcga tcgtgatcga ctcggctgac catccacaaa      240
ctgtcaacat tgctcataat cagagggcaa ggctttctca ataccacatc ccaggatgac      300
cattgttaag tcacaaagag ccccacggca gtcgatggaa tatcatactc ggatgcaggg      360
gattcaccga gctgccagag gtcgttttag cgggcggtgg cgaagtctgc acaattgaca      420
taagtatagc gattgcctag ctgcacgaag tgtagcataa gcccacctat tcacacgatc      480
tattcaacag atatcttcac cattcggcaa caangggaat agagaagtga cttcgccctc      540
cacagggctt atcttttgac gcagcccgac tctatttttt ttcttcacta cgacatttta      600
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tagacggctc atcatttgtg gcattaccgt tcttcatcgc tgtatatacc ttaaagaact   660
ctttgcttac ttga   674

<210> 6803
<211> 350
<212> DNA
<213> Aspergillus oryzae

<400> 6803
tagagacaag cttttttgagt gcgtggcgaa catgctagaa gaccctcagc acgaagtgag   60
ggctggagca tcagccacct tgtctggcat gatccgttgc tcacccgtgt tcctgcgcga   120
agagatggtt agccggttca ggcagcgatt ttcgaaaatc ctgatcgaca accctcttcc   180
aaaacgcccc aaaatccttc ggtctggctt gtcaacccct gtttcatgtg gggctggaac   240
cccaacaccc gagcatgctc gactcataat cacgagacac ggtgcacttt taggtctcgg   300
tgcactcatg cacgcatttc cgttcactag ctcgccgccc acgtgacatt   350

<210> 6804
<211> 606
<212> DNA
<213> Aspergillus oryzae

<400> 6804
ctggagtgac aagagctgga acagaacctc atcgtgacta gctgatactt ctcattccac   60
acttcttttc tcaactatct accaatttat ccaagcaaaa tgtctgcacc agttgttcag   120
ggcctctcct ccttgggctc tcaggccgga cagtatgcca ggcgtcaggc caacacatgg   180
agggacagac tcttgactac agacaaatcg cgccgtaggg cacagattgt tcagacctcg   240
ttcgcagtcc accgccccgt ctgggttacg gctggcggtg ctgcatacac gactgcagcg   300
gcagcacttc tcacactgcg atacatgaaa cgactaagat gaatggttga aaggaggggt   360
aacgagatcc ttgatggatg gtgacaggga tgtttctggc aaacatacac atacagcggg   420
ggactggtcc acgactgcat tttcatttcc tttgtgattt ttttttttt tattttttgac   480
ttgtgatatg tgggaaatac ttatttttgg ttattgggac aggtgatttg tctatagcca   540
ccctgatggc agggatggag ttacagagtt gttacatcca ggaaactcaa tgaaatgata   600
atcaat   606

<210> 6805
<211> 732
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

<400> 6805
tcgcctggaa catgacgagg agccagcgac tgaggctgaa atggccatct acaacaaggt   60
gcggaatttg ttcgatgatg acgccgtcga tgcctttggt aaactcagct ccactgtggc   120
ccgtgtatgg ggtaacatcc tagacggagt ggtagtatgg ggaattacca agctcatggg   180
cgaatcgttc aagcttcact cgcaggcctt ggttggctac gaagactcat tgcgcgtcgg   240
caaggaccaa cctatccacc caatgccaac gaagacactt gctagtgtag gcacggcgta   300
ctaggcgatg agtatgtcgg cttcggagtt ctacactata atcaactatt tttcaaatcg   360
ctattatgct cttttttggc ctcggggcgg agttccactt ctcgtgtttc tcgctctgac   420
tcgggtccca ttcatcattg aacgtttttcg cttttttcttt ctctcgtttc ctgggcattt   480
ggacactggc ggaatctcgg attttttaggg tcgggatgga ggagcaagaa ggtgggcggc   540
gaagtttgat ttccggttat ggaatgctat gatactgaac cgccgcataa tgcttcttgc   600
tggtgtctnc tgactgatgt ttgttcgtcg cttaatcgtt tgttacgtct ttccttgcgt   660
cggttatggt cttttccctgt ggttttttaca agagctcacn agagtccggt gtggtcattn   720
tcttgtttca cg   732

<210> 6806

<211> 648
<212> DNA
<213> Aspergillus oryzae

<400> 6806
ccttgatgat tcaagtcaac cccgagacgg agtataagcg actgcagaaa gcagtgctga   60
acatgcctat cagcaatccg gacaacagaa aggagaggtt tcccaaggag atcccacagt   120
cgttgttccc gttcgaaaaa atactaaagc ctgaattgcg agaagaaatc aaggagttca   180
taaaggagca ttgcagtgtt gatttggata aggagttcga gaagttcaaa gcgcatcacg   240
aaggctctgc cacctccgct gccgcttcag gcccttcgta cagtgagcgg gaacgaaagc   300
cgtaccaggc gtctgtttcc accgtagtag acagcgatga ggaggaactc gacactcctt   360
cgcgttccat tgaacgacag aggaaaccat acaccgcgca tccaggaggt gggaaggagt   420
atggtgacat tcaagaacct aaccatcgac atacatcctc gttctctggg ggctccattc   480
caagggatac tttaacgtcc tcggagccca gagtttccga gtatcagggc cttgacccta   540
cttacgttcg acccagcact ggtcagcctc cttcaccacc gtgaggcggc aagggagccc   600
gccacgagga tccagagtag gtagtgaata cagacactct gagggtga   648

<210> 6807
<211> 711
<212> DNA
<213> Aspergillus oryzae

<400> 6807
caacctctcg gagcgaccgt ggcatggaaa atactcccat ggtgctcttt atcagtgccc   60
tttaccacca gtgtcaaatc actttgcatt caatgattgt tcctttgttt tctggtacaa   120
accgtgggcc aacaatagac ccagaaattg tgaagcaaag tgccgagacg gtcacccaac   180
atgcagagtt attcgaagct ctttttagctc cttacatgta tgggaagggg atattacac   240
ttttaccgcc ctttgtagga tatggtgctt tcatcacagg tgttgtgttc ttggctactg   300
aggtctcttt tcaagacaaa acctcacgaa ggcctatccc cggaacactt ccagagagcc   360
gtagattgtc gattgtccag gggacccttc gcttactcaa caaacttcga ttttattgga   420
gggctctaca gctttcttgc agtgggaaaa gcttgacgct gcgttgcagc tacatctatc   480
atgctacaga acacagcacg aattaaccag cccacacgcc atcacggccc gcgaaatcta   540
ctcttcagaa cctaaatcac ggctctcagc tcctgtatca gaagactcta tagataacga   600
gcagtccagc gcccgcgaag catcggtacc ttcgataggc cccctcggcg agcatctgca   660
tcaatgggcg agtgaccgga gaaactctga agtcgatgca atgcaacaaa a   711

<210> 6808
<211> 733
<212> DNA
<213> Aspergillus oryzae

<400> 6808
cccgggtcgg gctaccatgg cagggacctc ggatcagact ctcggtacga cgaatagata   60
ccagtaggac taaatcgctt gggtcactg atgcacttca tctccagtca tagcctgcgt   120
tgcctctgca tgatggttca gcatgcatga agttctcctt ttttatcatt ttcattatga   180
gcgttgtgta taaattcttg ggaaacgtcg acttattaca ccactgatga tccaggatc   240
aacccacatc atttctcttt acctcggttc ctagcgtacg gtacactggc ataaaagtgg   300
caatgttttc atagtaggat taactggtaa gaatatcttt gtcaggccag gatagacgat   360
gaattacccc caaaattcct tggcacaaag taatgttagg ggtattcaat cgactccaac   420
ttggttaact ggcgttacac ataaggcatc agggcccgt gctttcctaa tttcgtcgct   480
aacatgttac acttctaa cttcatcaat ttactttgcc tattgcccct ctcagaatca   540
aaaggtttcg ggtttcaaac tttgctcctt tggcctttg agtgctcac ttggcctttg   600
ttcggtctgg ccattggggc actggaccct ttcccaact tcggtgaaca ccctaactg   660
gtgttcaaga ccaacccggt ttgggctccc acataatgg ggtgcgaacg gtattggaac   720
ggtgggcctt gct   733

<210> 6809
<211> 586
<212> DNA
<213> Aspergillus oryzae

<400> 6809
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gaaacaatcc catttgcctt aaaaaaaaaa tggggcaaaa ggttccaaaa accccccgtt      60
tttttgtcca tttttcaaaa actttttacc caaaattaaa agaaaaaaaa aacggcctta     120
atctttacta attaacccct ttttgctttc aagggaccca taacctttga atgccggggt     180
tcccttaaac ataaagcccc ctttgggcc ccatttacc ctccctggta aagcaaaccc       240
catttttac cgtaacgcct ttttaaagga cataagccca aaacttcttt ttaacccttg      300
ctggggaact tttcgttgaa agcattcaca gcaatggcaa tttggcgggc caaccaattc     360
cttaaacttt tattctgccc cgggataaat gggccattta cccccccctt ggagggaaaa     420
ctcatgccag ggcccttttt aaaaattgtt tggatttcgg gacaacgttt ttcccactta     480
atttgggact ttttggtgcc cacaaaactt tttacgggct tatttgaact ttaacaactt     540
ttttttcccg ggagagtttt aaaaacccca attaaatccc ccttaa                   586
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<210> 6810
<211> 679
<212> DNA
<213> Aspergillus oryzae

<400> 6810
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cagagggaga tgggtctttg ggagatggct atagcgaatc aatggaccag cataaaaccc      60
ctgctcaatt ggacgagaac cacaagcttg ggctagatgc cgccacatcg ccgaaagagg     120
agaaacctgg cacagagtat actcgcaagc gtccacctgg agttcccgaa actcttgaac     180
ataaatcaac gtcattttg gagcaaaagc ttcaagagct cacaacctca accccaaggg      240
tcctaagcac gagtcagata ctgcgcattc tgatcagaga tcgccatgta cgccccgagg     300
tacgacacta tcgggcacta ttacgcgcca attcggatgc agaacgtgga tcgccagaag     360
tagttcgaca gctactggga gagatggagg cgaatggatt tacattggat tctggaacgc     420
tgcacacggc attacaggcc atcgcagttc acccagacta tttactacgc caggagcttg     480
tgcgcaccct tcgagatcga tggcttccac tgagcccgga tggttggcat tatgtggtgg     540
ctggccttgt gagggagcat cagttcgagt tggccctgga tcatatcgcg cacatggaga     600
gaaaggacat gccggttgag ggttggttac acagcatgct catctactac ctgtgcgaat     660
ttgaagagtt tgacgaggg                                                  679
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<210> 6811
<211> 614
<212> DNA
<213> Aspergillus oryzae

<400> 6811
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aggattacgt tttagtccca tggaggtcga cgaccagaca ttgtactcca tatgggaata      60
gcggctacaa gatcgtacta ctcgattgag accaaggcgc atcgagattc ttaccacttg     120
tccgatatca aaggcagaat cggttatgaa gatggggaga aggtttggag ggagcagcag     180
ctcccgccag tactccaggc tggtcctgcg gcggattcca cagacgtagt acggaaagtt     240
ctccaccccc agccgcccaa tgacgacttt ctcaacacgt ggaagtcgtt tgtatctcct     300
ggagcagacg tccggatatc cgaggacgct ggacgctacc tctgcgagtt catcttttat     360
acaagtctgg cccaggcgtt tcaacaaggc cagcaccgaa acgtcgtttt cttccatgtg     420
cctggatctt gcgccgacga ggacatcgag agaggcacgg atattgcagc tggattgatc     480
aaagctcttg taagatgttg ggttagcgag caggtataga gcggcatgca ggttgctggt     540
atcgttttgc aaagcaagag catgggcact ggacgatata tatacttgca tttctatggc     600
gcggtgcact atct                                                       614
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<210> 6812
<211> 550
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(550)
<223> n = A,T,C or G

- 2416 -

<400> 6812

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gccttgcgaa ggttgaattc accaagcagt ttctacggat atgcctccac gattcctctt      60
ccagccttcc ttcaaggcct ttactgggtc ttcgcatgtt cagagcccgc ttgctgcgct     120
ttcattgatt gcttccagga catctatcag agcgggatcc gccgagacta gggaacgccg     180
aagacatgat ccgtttttga tggcacagtc acgtcagcgc aaagccgcca atctgtctcg     240
tcaacaagct cttgccgaag aacgcgaaag ctctctcggc gatcctgtgg agagtgcacc     300
cactccattc atccaagagc tcaaaacggt caaatctggg ccacaagccc cttcaagctc     360
agatgccaga ctcaactact tcgtcactcc cgagggactc caggaggcca tggaatattc     420
gaaagccttg acatctcccc tcgaaaaccc agacagagac actgcagacc ctcaacttga     480
gaaggaggca tccgagagac atcttcagga acattgcant gctcaggaag gcatcaagcc     540
gattcgggan                                                            550
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<210> 6813
<211> 650
<212> DNA
<213> Aspergillus oryzae

<400> 6813

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ctccactgcg attcaattga atctaaagac ctatcggcca gccctgctg atacttgtcg       60
tatacaacta tgcttcagca cctgttgttt ttggaatctt gaaggaacta cccactggta     120
aatcactgtg gggggcctgt atagcccacc atcgagattg tcaatcatat acacgctacg     180
cagcaggctc ccagtttcgg tacctggaag ttacgatcct taatcgattt ttggaaataa     240
catgcgtagc actccagtca ctgccaaggt caaggtgttg cccgctaaag ggtccatatc     300
cacttgtggc ctttggccac aatttgtcga tcttcgtcac ccgctttaag gagcatatta     360
tattttttca ttcctttgcc ttggacttgg acttatgtac tatgagactg gaaacaggaa     420
aacgagccgt gaccacagta cttgcaggag cttgcccgca gaatagttat cccacgacac     480
tgggtgaccc attccagcgt cgagtttcaa tttggaatgg aagcgttccg tccccaaatg     540
tcactgtcag ccaaaagaac cggctctttg acttttcaac gaggcaatgt cgtatccaag     600
attttgagac ctgtcccggg atattgttcc gggttatata acccgctgag                650
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<210> 6814
<211> 1083
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1083)
<223> n = A,T,C or G

<400> 6814

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agcgcagatc cgtgaaacca tccgggtacc ctgcaaaacc attcaattcc atccgcgctg      60
ggggctttat ttccactctg gttgtcggta tcattctagc cgtcttcatc tacaacctcc     120
atcaaggtgg tttcaaactt ccttgggcat tcctggtcct cctgatagcc gttatccttt     180
cccttcttaa ttacgtccta actaccataa cccactgttg ctatggcctc tcgccgcgtc     240
tatcactcct atcgaatacg atctgtctcc ttctctggct catctccctc ggtctactga     300
gctggagcat gtcgcatacg atcctgacta cctgcaacgc cacatactgg gctacttcta     360
ccggtatcac cgtttgccgg atatacaagg cattgttcgc cttcactgtc ttgggaaata     420
tctcgtacat cgctgccatc gccctcgatg ttatcgtacg cagacgtcag actcgtctgg     480
gtgagtacga ccccatggcc agcaacccgg ccttgaacga ttacaagatg cacgatcgca     540
gaagtagtgt tttgtcggga ggcatgggcc cttacggtgg actgaggaa caacatcccg     600
cttttcgctc gaataatcac gcagatgaag tctacaatga tatccctgct ccgggtaatt     660
acgccggtca gacgatgccc ccgcctgtat atggtgctag ctccaccctt gagcagcatc     720
atggtggcga ggcacaggat tattatcaac caacgcctac tcgtcctcgt gtccgattca     780
gcgcttatgg acatgacggg tacagtcacc cgtcagagca gacgcattat gatcctgcgg     840
catatagatg agctattgcg gtatacaccc ttatccaggt gtaactggac aatcactggg     900
aatgtacag tatggggggc ctggctgctt acaaccgacc tggtaatgtg tcgattatat     960
taaattcgat ctgatgtgtt acgatcttgc agtgaagggt tcatacttgt tttgtcctgg    1020
cgtaataagg atatcatttg tttaaagatg tcgcccgtct tgccagctta aatggtgtga    1080
tct                                                                  1083
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<210> 6815
<211> 575
<212> DNA
<213> Aspergillus oryzae

<400> 6815
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ataagcctgg tagatatcta ggtacatggt ggatgattaa atagatccct tattacgacc   120
agaggcgttc cacacccgtg gtgaaacgat atgtcgccgc ccaaagttta tttatggctg   180
tgaaattggc tggagttgga dataacggct ccgtccgaac gtcattcatc aactgatcat   240
caagaccgag cgcgccgcaa cgaggatat aggtcgaatc accgatctca gcttactcca   300
taattctcct tctccaatgc gaaatatctt catccgcagc gtccagcata cagctctcgc   360
aacatgtctt cattcactca gccgatgcca gtagttgcct gcggcagaat acccgcgatg   420
gggaaatcaa tctcccagca cctacggcct gaatatgaag gttctttctt gatatacatt   480
cccgaaataa acaaagtatg gtgccaatac tcctcagtca tccacttcat cttgtcatac   540
aaggctgcaa aaactgagct cccgcatttg cttgc   575

<210> 6816
<211> 647
<212> DNA
<213> Aspergillus oryzae

<400> 6816
ttgaatgagt catgtcttcc gtctcggaat ctcgtgtctc ataacttgcc ttcctcggat   60
cccgccgaac ataaccctat gtacctccct tagtcagcaa tgcacgttat gctccaactt   120
ccacttggag atcatcttgt gtggcatgaa tcaactacag taaccagcag gaaacccgtt   180
cctcctaatc tcaaggactc tctcatcgac tttgacgagg ttacagccgg agcctggctc   240
cttaccgtat ccggcgcatt cagtttctca gccaacacct ggccgttact tattcaaatt   300
gagggtactg ccgacatttg atggtcttgt cccttcagat actgtaaaac cgtcaaggag   360
gacaataatt atcatggagc acctgagtac cgcccagaaa aatgaccttg gaccttaata   420
gacgtgcctt atggaatcgc cacaatgggg gtccctggg caaagaacgc ctttccctat   480
ccgcaatttt agaccgaagg ggcgaagaaa agatgaccaa cccaacccccc taggaaagaa   540
gattggagga acgggttttc acgcggcaaa ccggggaaaa aaggaggctt tactccaccg   600
gcatggggag aaaaccacca tttgtgatct tctccctgag gtgggac   647

<210> 6817
<211> 701
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(701)
<223> n = A,T,C or G

<400> 6817
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tgtataaaca tttgtcaatg tagagccttt ccaagtctat tcctcgctat cggtatcttc   120
gttgcccata agcactttca atgcagaaat ccatttcatc acttcgtgtt gcaaagcagt   180
caacttgcc atgactgcca tcaggctgg gtcctgactc tccacgcgaa tcttttccct   240
tactttgacc tcgtctccct ttcatgtgaa aacatctcca acttcatcat gcccacggtg   300
tcgagttcca aacaaacggt cgcgcaaatt gaacccagtc aaagaaatgt cggtggcaaa   360
agctgttgga gtatgtgtgg gtgtgctaga ctcgagcgtc cttagataca agacgagagc   420
agagtcggcg atggatagat ggaacgaaag gtttagcggc aacggtggat caaacatatc   480
ttcaagcgca cttgtctccc accacttgcc cctgacttga tcactctcgc ccttcaacat   540
ctggcgagcc tcagacagcg tttcatataa taagcgcagc tggcatata tgaaacttgc   600
attgagcggg tcgccagtcc aagggctgac atcccccaca tttagactct gggtgaacca   660
ggttcttccc gaaacccacc tgaggggccc aacgctctga g   701

<210> 6818
<211> 687
<212> DNA
<213> Aspergillus oryzae

<400> 6818
gcatttgcaa tttcatcaca cttcgaattc ttcccctgcc ccagaatccg ggataaccta   60
ctgacaagtc gaccgtgtct cttggtgaac ctcgctttgt ttgcttagcg gaaatgccgc   120
cgatcgacgc agttgacggc aggtaagtac tccagcagcg taccaccttc gcatgatccc   180
cggctttcga ccttacatgg aacgccttac agttggcatg gctgacggct tcaacaggcc   240
ctggccccac ctggcaaaag agacgcttga cgttatcagt cgaccctaga atcgtattcg   300
aaggtcagat cactccacca ggtccaccac ggtgccacga acctcacccc gtaatggctg   360
gcacttcatt tatggggtat attttctgtg cgccgtattc tagaccccgg tccatgtcga   420
tcagcgcctc aaaactgctg atggtgtgct aagattgttc cggatgcttg cacgcgcaga   480
ggttttgctt tttctcctcc attcccctg aaactgaccc aacggtccgt aaattttctt   540
gatcacacgc tcacaattac ccttattttg acataaatta atatccgctg ctgagttggc   600
aagccctcag cctcaacttg ttggcttgcg ccaccgatca atgacccgtg ggacagcata   660
tcccgcttac tcagtgccaa atgggta   687

<210> 6819
<211> 663
<212> DNA
<213> Aspergillus oryzae

<400> 6819
ggcgcatttc cgtctgggta tgccgatgtt tgctgccggc cgaagcgaga ccttatcgac   60
ctatgcgaca cttgatccac acctatatac gcctaccagg caaaagccct accagggtat   120
atggattgga gactactccg ctcacggatg tgaattcatg cttttcttgc aacgagacag   180
tgaagaaggg cctgacgata cgcccgagga gggcgagtcg gagttccttc atgatggcat   240
tatccagaaa ggtagcctcg aggctatcaa actaaccgga gaccccaatg ccctcgagg   300
cgagctctca ttcatttcgg atgatatcgg gcctaagggt tttgtccgtg tcgcagatga   360
atcgctcttc cgaggggcga ggattgtgcg tagtcgagga catgtagcgg gtatcgggtt   420
tagagacgat tcattcatcg cctcgcaact cattctcata tcacctgatt gtatagctca   480
ctattgggag accatggggc atatctcgta tttccgccgc ctcgacatag acggacttat   540
tccggatatg aacggatgtg tgatgaaccc ttacaatgta acgattccgg gcctattatt   600
tggtctcctt cctgggagga taatgaatca aatacatgga ttggcggtgg tggacacacg   660
gtc   663

<210> 6820
<211> 646
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 6820
gcttcaccta cgctatggac cgtaaagcgg tccgcgcaga atacatacaa gagctggtga   60
ttccattatca ctatgttgaa gatgttccga atgaggacga gtactatcca atcctcgtgg   120
agagcctggt gccgacaatc ggccgtctga tcaacttgag acaacttgtt gtcaagggcc   180
tcgaatatga tatatgtaga tcttatgatg atccggattt cgggcctcgt ccaagactcg   240
acgctttgtc tgagatatgg tcctggctct tccagcaatc aagccacgcg atggcaggcg   300
ttctgccttc cttaacaaca tgcgagctaa tcatgaacga ccttacaccc atcgaaaacg   360
aaacaggcga catgtggtac ttttcctcgc gcgagactgt cctgcttcac cccacgctac   420
aaaacctgag catagtagca gccatcatct cggactgcg ctcagaaaca ctaagttaca   480
tcaagaaacc ctggttcaac ccaacatccc tagaaaccct gaacctgctc tgctgcgacg   540
tatcaccaca gtctctccgc gagatgctcc agttccccaa agccctcaag aacttcnacc   600
ctagggatc cccctggacg acccgatggg aattcttcct cacaga   646

<210> 6821
<211> 570
<212> DNA
<213> Aspergillus oryzae

<400> 6821
gcttcgtctt ccttctcaaa gaacaacaca cttctacact tctcgtcctc ttccacgtcg   60
aagtcgtcat ctatcaaaat gcaattccgc tccgttatcg cccttgtggc tttcgctact   120
gccgtgaccg ctgctccctg tgacagctgt gatggtggca actctggcga ctctggtgac   180
tctggcaagt gcagccctaa ccaaaaactg aagtgctgca ccggtctcac ccaaggcctg   240
aacctcggca tcctgccggc cctgtgtctt cctctttttg ccaactgcaa caaccaggcc   300
gcctgctgcg aggccaatgg aggactcctg aactgtctca ccatccagct ctaagttcat   360
cgcatttcac caccgcgagt aacgatacac gggcgatgtc cggtggggga gtgatgcccg   420
actcggtaaa tggatatgtc ttactacggt tgggcggtga cagtcttctt ccagcatcta   480
ggtgtacacg gattgtccta ggtccaaggt gtgggaaatg aaatattaaa ttacatcgct   540
aggaaaggct catgcaactt tggcggttgt   570

<210> 6822
<211> 637
<212> DNA
<213> Aspergillus oryzae

<400> 6822
gggagagaga cgtttttcgg tctccacagg acaattactc ggtcactgag ccttcaccat   60
tggatgtgta ccatggaagg cactcgccga gttctctgtc aaagcctatg aatgctgaaa   120
acacgggaca actcacgacg caggtgccga agccttacag gtcgacaacg cccttgcgta   180
gtgtctacca gactccttga attcctggtc tcctgatgtc gtcaacgcag acattgcttg   240
taacgacctc aaagcagcaa tctgtcctgg aacgggcaat ctgccacagt gccgccaatc   300
gcgtgtcaag cggttcgcca caaactatta cttggcgtgt acggcaagtt ccaaaaggcg   360
acaacgaatg ttcacttacc atacagtcga ccagtgtgga gatgaactct ctgccactac   420
gatctgtgac taccaaccgc tcgtctagtg gtggtagcca acaattgcgc atttcacaga   480
cgatgtctac cgccacaagc caacaagtgt cagttggaaa ctactgtacc gagctcatca   540
tctatgcgtc cactgtgagt tttaagagcg gtctggcatt tgccgagttt tggcaaaata   600
ttggatccgc ttgttcatct gccggaagca tgtttgg   637

<210> 6823
<211> 651
<212> DNA
<213> Aspergillus oryzae

<400> 6823
cgaggcctgt tcctctcatc catatccatc ttctcccctt ttattttctt tacataccgc   60
ataaatcatt cacaatgcct ttcggctggg gcgacgctga gaacgctcac caacaggtgc   120
aggaggggca gcacgagggt cacctctctc acgatctcat tgccggtgcc gctgctttca   180
ccggtatgaa ggcttgggaa gaccaccagc gcaaggaagg caaagaagtc tctcacagca   240
ctgccaagca ggtaattgct ggattggccg ctgctggtgt cacgagattg gttgagacca   300
agggcttgaa tgcgatcgac gagcataaag ctaagaagca ggccgaggag aacgcccagc   360
gcttgtacga agagcactac gagcgcggac aaaatgctcc tcactttaac cctaatgagc   420
acaaacctca cccgtctttc gagcgcaatc gctttgacga gcacccacac cacgagggcc   480
gtcccaggg aggccaagtt gaccggtggt aaatatttca cagacggagt gaacatagat   540
gtcgcaggag acggtcctcg tcagttccag gtgatgacat atgtaaatag aaatgaataa   600
ataaacattt gtgaagaaa cctgtccaaa gaaacgaaat aaaatgacaa t   651

<210> 6824
<211> 1064
<212> DNA
<213> Aspergillus oryzae

<400> 6824

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cacgattcaa gtcggacagc aacacacctt tagaacttat cccttgccct taaacatcct      60
atcttcaccg aaataaggag acatggggggg caagtctgct accaaggccg cttacttcga     120
gaagctgaag agccttctcg atgagtacaa gacggtcttc attgtcggtg tcgacaatgt     180
cagctctcag cagatgcacg agattcgtgt gagtctccgt ggtgagggtg ttgtcctgat     240
gggtaagaac accatggttc gccgtgccat caagggcttc gtcaccgaca ccctgagta     300
cgagcgtctc cttcctcacg tcaagggcaa cgttggtttc atcttcacca acggcgacct     360
caaggccacc aaggagaaga tccttgccaa ccgtgtcgct gctcctgctc gtgctggtgc     420
catcgctcct ctcgatgtct acgttcctgc tggtaacacc ggtatggaac ccggtaagac     480
ctcgttcttc caggctctcg gtgtccccac caagattgct cgtggtacca ttgaaattac     540
caccgatctt aagctcgttg aggccggcgc taaggtcggt ccctccgagg ctaccctgct     600
gaacatgctc aacatctctc ccttcaccta cggtatgacc atctcccagg tctaccagga     660
gggtcagacc ttcggtgccg atgttctcga catcgaggag gagcagctcc ttaaggcttt     720
cagcagcgct atccagactg tcactgccct ctctctggcc accggcttcc ccacccttcc     780
tgctgtcatg cactaccttg tcaacagcta caagaaggtt ctcgctgtcg ctgtctctac     840
cgagatcagc tggcccgaga ttgaggagct caaggaccgt atcgccaacc ctgacgccta     900
cgccgccgcc gctcctgttg ccggtgccgg tgctgccgct ggcggtgacg ctcccgctga     960
ggagaagaag gaggaagagg aggaggagtc cgacgatgac atgggcttcg gtcttttcga    1020
ctaaacttct cgtctcattg cgcgggctac gaccaccatg ttta                     1064


<210> 6825
<211> 690
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(690)
<223> n = A,T,C or G


<400> 6825
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gtatgctggc taacggcacc gctgctggcg tcagctcac caccaccacc gacatcgaga     180
acttcccccgg cttccctgat ggtatcggtg tacagagct gatggagaac atgcgcaagc     240
agtccgtccg gttcggaact gaggttatca ctgagactat ctcgagagtg gatttctcgc     300
agaggccgtt caagctgtgg acggagtgga acgatggtcc tgacaatgag cccgcccgca     360
ctgccgatgc catcatcatc gccactggtg ccaatgcccg tcgtcttgac ctgcccggtg     420
agaccaagta ctggcagaac ggaatcagcg cctgtgccgt ctgtgacggt gccgtgccaa     480
tcttccgtaa caagcccctc tatgtgatcg gtggtggtga ctccgctgcc gaagaggcca     540
tgttcctggc caagtacggc agctcgggtt accgtttggt ccgtcgcgac aagcttcgtg     600
ccagcaaggc catggccaac cgtctnctgt ctcaccccaa ggtgaccgtt cgtttcaaca     660
ccgttgcgac cccagtcctg ggtgacgaan                                       690


<210> 6826
<211> 635
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G


<400> 6826
cgaagtcttc gctcaggacc ctgtgttcaa tacccatgac agatccctgc tcgcttctct      50
tgacattacc gttctcgacc atccccacgg ctttgaaaaa gtctcaccta gtactctcct     120
ctattgtccc ggcgcagaac ggacgcacct cgaacaatta ctttccacg cgcctgcgct     180
ggtatttggt ggtccattag aagacatcga gtcagatgct gtgaggcagt tcgtggaatc     240
aaggttgtcc ataaagattt cgcggttcga ggacatggaa catgcattct ggaatatgag     300
agtatactca cccgaggagt gtgagcaata gatgagacga cgacatatcg gtaaaattca     360
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- 2421 -

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ctgtaaatac ttttgtatga tacgatttat gaccttcgtc tagactaact acataggagc      420
agaatacaac cgctaagaac cgctattaac aaatatatgg atgccgaatt gaaagtagta      480
tttgcaaaag tctgaaacac cccatcaact tcgagtgttc agataatata tacacggtga      540
cactctttca ttaaacatcc agctatgcat gtgcaatgga naaaagatca attattcaca      600
aaagaagaag aatttcaaaa cgcctcaacc caacc                                 635


<210> 6827
<211> 687
<212> DNA
<213> Aspergillus oryzae

<400> 6827
ctcgatttag catcaacacg atatcagcac gataactatt ctgtaggtca gaagccactt       60
tctaacacgg tgttttgaac aggaagggat gtttttcgac ttgacggacc ttcttgctct      120
ggcatcatca cctgaaagaa aggatgggtc agttctcata ctacaaggcc acacaatcct      180
gcccatggtg acttacgggg atcgagaaat tcaatagcgg cacgcactct atcctgagcg      240
gcctcatcac ggagctgcac tccgtccatg gtgatagtgt gcttcgcaga caattattat      300
acggggtgag gatatattgg tgaaaattca aattggtcga tgtgatttca gtgcaacgaa      360
tgatccttgt aattttcgat aacacccgct aaatcacaga aacgcggaga gaggggggat      420
gattcggttc cttgcgccct tgagggcgag tgggatggcg gatggatctt tctgaaagct      480
gtggaaacac gccgtcccaa tcgggcataa ttggaacgcg ttgttcttct tgcacaacgc      540
gctcacacgc ggagtgcgtg atgactcagc gggacaggac aaaactattg gattgcctaa      600
ctgggaaata tcaacaatag gtacttaggt actatacagg cgctgggttg aattatatcc      660
aataatattc gtacactctc tagagat                                         687


<210> 6828
<211> 684
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(684)
<223> n = A,T,C or G


<400> 6828
aataccgtcc gaatcgcacg agggccttat aatccacaaa ggtaccggaa gggcctctct       60
ctcggtgtcc agtcatcggg aaagactgca acttcactca tctcgtcatt ctctgcttcc      120
cgcaccgaac aatcgaggtg cttcccctcc cttttcatcc acgtcgggtc cgcaggtgcg      180
ctgagtatta aatgccagca ctgcggacaa gctttgcttc ttggctgtca tagtgcaggc      240
agtatctgaa gaatacatcc aacaccaaca tgctcggctc ctggggccta gttccaagat      300
ctacgtctgt atgggcggca gctttaatca tcctctgcca attagtcccg ctggccgtgg      360
cgttgcggac agcaccagga tcgccatgtg caaacgtttg caataagcaa tcgaccaata      420
caacgggatc cgagattacc tgtttagata cggactntac ttncaccagc anagggtctc      480
agttcaagca gtgcgtcgac tggtcagtgc gaagtactta cagtgaccca tcttccgggu      540
gacggatgtn gactggggac tttacaacct tcgttatact tttacctcct gtgtctatgg      600
cttcccctaa gagtgtgagc aatatctcca cgcagtgcac agtgaattgc cagcccgttg      660
acaaaagccc tagagtttga tctg                                            684


<210> 6829
<211> 662
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G


<400> 6829
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ggagatccga ttgatactgt tagaaaattc ggcatctggg tcgcttggaa gcgtggtaat     120
gaaaaagctg ctcaatggac acgacctggt gtcgttgaaa gcaacgccaa actcagtctc     180
acagagaaaa agtctgctgg tcgacctagt cgccgttcag aacgtaatat ggacaaccaa     240
cgcatgtacg cagagagaca ggctgtgcag agacccctag aacaacatcg tgaaacttcc     300
aatggggtct ccggtagtag cacctcggta ccaccaagca tcgtcgttcc tacacctctc     360
atctcttcgg gtagcggggt gaaagaggag aatgtntcca agcctcgaaa cattcatcgg     420
ggttctggac taagtcncaa gcgggttgcc tgtgatgctt gtcgcaaaag aaggattcga     480
tgccatcata aagatgaaca aagtgacnca acgccaacga agcaaatgac ggttggtgtc     540
ttcgctggaa gccaatcatc cctggcacat gatgccgcat ctgcgctgag ctccttggca     600
gcaattgcat ctgaagcaag tcttcaagat ggaaatggtg ggattggacg aatcgaaact     660
gg                                                                    662


<210> 6830
<211> 642
<212> DNA
<213> Aspergillus oryzae

<400> 6830
cccagcagag ccccaaggct gccacccagc attaaatctg cccttagcct cgtataccac      60
gcgggatgct gggaacccag cgagattatt gcaatactga cttcctcctc ctatccgccc     120
taaacacacc taagcaccat taagcatcct gtgaacgtat tactattctt ggttgattgt     180
acttccaaca acagtagacc gacgatgctc aaaagactct cctggacacc tacattccct     240
caaacaagta catcgaattc ctcccctcca ccacggacgc ggaggcaaga cgcggctggc     300
aattatctac ggcgagaaaa gctacaagcc ctcctggagc gactgttccc tgatcaccca     360
gggttgaact ttcacattcg actcgatgac gaaatttggt cgttcgatgc accacgagag     420
gtgacccgtc aagagctgag agaagcgtct gattgatctt ccacactctg agtggtcggg     480
atgaagtggc agtgactggt cagggtgaga gttctggaag acagcgcttg gccttctttg     540
agaaaggatt ggcggtgcat ggcgcttggc catcgtgttg ctgagttttt ttaatgacct     600
tttttatttc gtgaacatat gccacataat attaacactg ag                        642


<210> 6831
<211> 689
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 6831
gggacttcta ccgcgagcac gtcagccgtc tggcgccttc cggtcaaatc ccggcccggc      60
cagcctctcc acgctccttt caaccctcgg atcgtgacca tcaggcgtgg cctactacag     120
acaccacaca gcgagttgtg gatccaagcg gagtgccacc gcccgcatcg gcgaccagat     180
caactggtag ctggacaagt cgagggactc tagcagacga acagcaggca agatcactgc     240
cacagttccc tgggccttgg acacgcactt gatgatggaa gcaagacatt gggctcatat     300
gtcccagctt atgtccagct tccctctgtt tcttttgagg ggatctccgt gcgactttga     360
aaggagcacg ccgnctctct ttaacattct ttctcctgcg gctcgtcggc tgcccatttt     420
ggcatctaag gagatccgcg gaaataatta cttgaccata tttcaataca ccgcctgagg     480
cgagaatcat actgcattgg aggagattgt gtcatttgtg cgatcatcat ggaggttttg     540
gattattcga acggcgaaaa gcattcttat tgatttgtgc gaactggatt cctgacattc     588
ctgcatatat tttgtctgct ttagctctca atgttttcac ccttttgctt atagagtgct     660
ttaacccctg gtcattttgg gtgagaaag                                       689


<210> 6832
<211> 632
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 6832
gttctttctt attagtcatg cttggtgaat cttgcaggca aattgggggt gatctacagt   60
tttcttgagt cttcacggat cagggtcagg gtctcctccg ccctgtcacc cgcaatcgga   120
gtataaggat gggatttagt tattgtcggt gttgaatttg gcaaacctat atcgcacgtt   180
ggacttacaa catacgagcc taccgtgccc gcagtagctc ggcttaaatc tctgataggg   240
actagagctg agaatcaact gattggcgtt caaatttcat tcatccgaag tttgtcctaa   300
acccgctccg cgtatagatt gcaggcgaga ggtatacagg atatatgaat cacacacagg   360
atccaggaca caggcacatt cgagcaaatt gggtttgtgt cttgaaatat atatggggag   420
tgttttcttg aacatacatt cgcaagggac tcggagctca tcaggctgca atgtttgcct   480
tgctcttttt ttatcctaag gctgttctat cttggcgctt gttacggagt actggctact   540
acgttttgaa tagtgactac atacatatca ggcttcagct tttcatnctt ggacaagaga   600
tcaancgcag naacagtatt gtactctact ac   632

<210> 6833
<211> 672
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 6833
ggctgttcaa aatataaagt cgtagatgag ttttcgttca caggtttctg acttccaacc   60
acctgaaaac atcgagttac ctttttcctac cataagctgc tcactttta ttgtatctcc   120
tccatcatta tgggtgtcct gaaggtcttg ctcaaagcga tcctcattcc catcgttctc   180
ctgctggtca tctcggtcgt cgcgttcctc ctcatcaaaa ggcaccgaag ccggaaggag   240
aaagaaaggc aactcgagaa tgggttccag ccccgccca ttgtgcaatg ggttccgcat   300
caggacccca tacaaaagcc ggctccgatt gcccatacgt cccacctgca accgggtggc   360
tgaaagcatt ttgaatgcca caacattggg tagattatct ttctatcgta tacaaccggc   420
tggcttggat atcgttgttg tgcagggtgt tcangaatac tgttgttgaa gaatgatgac   480
gggcttgaaa ttgaggcgtt agtggatatg gtttgttctg ctttgttgat tcgttttcaa   540
tttgtttccc ttgctaggta aatcggaatc gtgaatgtgt ctgatattgt ttcattgtcg   600
ttttgcttta ctatcgttct ttaaccaggt atcattgatc gttaccaaga gaaagacgtt   660
gtctatagcg ag   672

<210> 6834
<211> 668
<212> DNA
<213> Aspergillus oryzae

<400> 6834
tcgaccgcag tccgtacaac ggtccgtccc catgattctg atttgccgga ttatgatgcc   60
gtcgttgcag aagacattcc cgttccgcca cctctccagt cacctcagca agcccatatc   120
ngaaatgctg ggcgcggatc tagccaactc ttctcttccc tggatattct tcatcatcgg   180
ccgggccttg gtcactctca ctcctctagt cacaatgatg aagaccgaag actgcgactc   240
gttcaagctc gggctcgagt ctagaatcag gacagaggcc gcttcacctg catagcggag   300
gggacgttga actctccaga gatgcgcatt tatgatgatt acggtactgt cggcgctgga   360
cgctgagagg cgctatattt cagagactct cctaatttcc cgatagaaga aaagcaacta   420
cctcacttcg ttttgtatct ataatagacc ggggtattgg gggctcctgg gggctttcct   480
tttctttttt ccatatctat agaggtgggg atggtcgtt tttccccact tgattatctc   540
cactcactcg ctgtatcgtc gccacatcta gacatgatct gctgatctta tcacgatcgc   600
acgcagctga gatctcgtct ttatccatga tgacattcca attattatct tccacatctc   660
acgcttcc   668

- 2424 -

<210> 6835
<211> 617
<212> DNA
<213> Aspergillus oryzae

<400> 6835
ggaagaacaa aattgggggt ttcggaaaca ttttattccc cgtgaaatcc caacctttaa   60
acattccaag tttttaacca aaacttccaa aaattttttt cccccaattt attcctgcca   120
agcgggaaac tttaaaaccg gcctttggga aattttgaaa ctttaaaccc cttggttgaa   180
cttaaacatt gttcaaaaaa ttatttcccc ttttttggcc aaaatttaaa atttttaaaa   240
caaagcggtc cgaaagtgct tcccccccac cttttggtaa aaataacaat aaaaactttt   300
tttctgtggg aagtcctttt cccagtgacc agttccaggc cctttttttaa ataccaaact   360
tctttacaat tttttttttt ttgaactttc cagtttatac caatccctcc ccaaccattt   420
ttccctgcaa ttgaaattgg tgttccggaa attgtaattc ttgttttttgg gagactgaaa   480
cactaattgc tttcccttgc cccgttccaa aattcttaaa aaaagaacct tgtttaaaca   540
aaaataaacc cgggattttcc ttttattctt caacaagcgg ccccatgggg atggtattaa   600
acgccgtgtt tttctct   617

<210> 6836
<211> 724
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(724)
<223> n = A,T,C or G

<400> 6836
cgaatctgtg ctactactcc cgcgtacctt gcaaacccccc acaacgtcgt cgctcatacc   60
gtccatttct accgcgcccg cattgatcgg cattcctaaa atgagttcgc cctcggtaca   120
ggttcaaccg caaccttccg gcggcgcaaa gggcgtttcc cacacaacga aagaggctgg   180
tgccatgaac ttcgacattg tccgctgctc gagatgtcag cgctccatga gccttgaaaa   240
tgactcctcc cccggcgttg tgcgcttcgg catgaattca tactactgca gccgctgtgc   300
gtccatggtc ggctttatcc gatgaagcaa tcgcctcttg caattcgcgc aacggaacaa   360
gaaaagagaa acgacatcgt tacgaacgca tttttcgtcg tgccttctag ctctcctgct   420
acccaccgcc gtctctaggg agtaggcagg atcagcatgt tggttctcca gttttttgttg   480
ttttctactt cgaccattcg ctcagacgac ttatccgaga actgttctgt gctggcacgg   540
cttctctcac acccttcgag caaatgaata gggctacgga ctacggacta cgattcagtc   600
gtttaggtcg aatgggcttt atcaacgcca cacttcntct caacaatacc cgagggaaca   660
atgactcacc gcgcgcaacc gagaaggtac ngtggaccag atggggggaca aaggaaatan   720
tttt   724

<210> 6837
<211> 717
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

<400> 6837
cctgcgatgg cctcatccga aggatacagc gaacaggata ccgtggagag atcacctttg   60
gagctaaata tgacccatgc atgacgctct tccagaaggc gcaatcggtc tttaagacca   120
ttccacaagg tgttcccgac gaggtcgaca tcagcgtctc tttgaatgtt aactttcccg   180
gcttgtcggc gacgggcagc aagcaggaga agatgcccga gccaggcatc cagacactct   240
gcaaccgcac agataactct actttccaga tgctcgatcc tcagactctg gagccaattg   300

- 2425 -

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gtattgcgga ccaaacagtc ttgcatccat cgctccgtgg accccttagc gcggcccatt    360
gcaagacaga cctgaccacc ggtgatgtct acaactacaa cctagacatt ggtctgacaa    420
gcacctatcg tatcttccat gtttctcgag caacaggaaa aaccagcatt cttgcaacat    480
tcacgcatgc tgctacatac gtgcactctc ttcttctgac ggagcactac gttgtgctct    540
gtctttggaa cgctcgcttt cgagctgggg gcatgtcctt gctatggacg cataactttg    600
tagatgcatt ggccgactac gaccccacac agcgcagcac ctggttcgtc gtggatcgta    660
cttctggagg gcggnggatt aatcgcgcgt tacgaattcg aaccctttct cagtttc       717
```

<210> 6838
<211> 651
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(651)
<223> n = A,T,C or G

<400> 6838
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cgcgagaagg ttgagattat cgtttccgat cttcaacaag ctgcaagaaa tgcgtctgag     60
gaacgtgtta gagacctcgg aagagacagc ggcgtcctac aagagtacaa ccaagccttg    120
cgggctattc tcgcattttc caacggtgaa gaactggcgc gggtgacgtc gctcaagaac    180
tggaccagtc tattcttgcc aacttaaggg acatttaaga atggaggtct tgtacctttt    240
tttggccagg tggggggatat ggcggctctt attacgat accctgggc cggccttttc      300
gaaggtggag aagaacacat ggtccatgtg ccaagtaacg gccgtcttat tgaggccgga    360
cctctggaga ttcggcgcgg cgatatgata ttggccaggg ttatatttca caaaaatact    420
atagcgctta aagtgcctgc gcaaatgatg gagcgcggtt ttttacgaa gagaccttcg     480
ccttgaaggg tgacttctca ngcagtcttg aagctatgag ccattggctt gagaagactt    540
cgggctttta actgcccgtg acattattaa caaactgggc gagtttggaa ttcccgaagt    600
ggttaccctc tacttcacgg taaagcgaga tcgaagcgtg gatcaatggg a             651
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<210> 6839
<211> 713
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 6839
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cgaaggaatg atgccatttc tcatctatgg cgaacgaggc gtggcccttt ccttctagac     60
aatttcactt atccatcaac tacgaaacgg atccagaaac acagtctgta ctgtctatat    120
cggtaccaat ggccattgaa aacaaactac cagtatattt gcgccagtgg attgaatcaa    180
ggctagcgaa ccccctcttg aagttggatt tatcgggtct atgctggggc ataaaccggt    240
attgggaagc ctcaatatca cgtgccaaat tatggtcgcg ctagaattc caatatccag     300
gactgatcag aagtcgtggg acaaccagga ttactgataa gctagatgac ttccaaaacc    360
ccgatatgct ctctctctcg aatatgagtc tacgcaaaat actaccacac cttgagcgta    420
catcgatgct attcgagtcc ggagatggag agtctgttcg agcctacttt tcatgcgaac    480
taacaatcga tgaatgggca tgtgaaccca ggttggtgcc ggggatcagt atgtctgcgc    540
cgtccatgat gcatggcagg ttgggaagca aggtggaaca agatgtcaaa ggactgtttc    600
acacaatttt gaacgagaaa cagggcggga gaataggcgc agacgttgat attgatgcag    660
atgcaatagt acatgctgcc gagcatatnc tgggtgcttt tgtctgtgat gac           713
```

<210> 6840
<211> 722
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(722)
<223> n = A,T,C or G

<400> 6840
tgatatagct cgatgctaat aactgcacga gcgacgggca ttacgagncc gccaccgggc   60
gcttagggcg catgctgagt tgagcggagt caacatcatc ctcggaatct ctaaccggtc   120
catcggcgtc tttcactgga gagacctact ataccgaata ggtggtcgag cccatcactc   180
ttcccaagac gaaagcattc gttccgacct tccactcgtg tctgatctct cgcatatatt   240
gcctcgaact cagcctctct taccatactc caaacgccaa tatcctgacc ccaacggcaa   300
cgctcaagat cccaatccag cttacaagcc gggcccggtc cgacgcaaag acaaaggatt   360
ctgagcatga gatcacccag catgaagtta atgcagagtt tttcagtccc cgcagcgtcg   420
cacccccgac actggtccag gtagcgccac cagagtattc ggagaaccaa ggcccaattc   480
tgcctcctga ccgttcgatc gatttgatgt ctactgcccg gtccccagg gttcatgctg   540
gaagtgtggg gactgctttt taatggtctt cccgtatcca acaacggata cagggggttt   600
cacgagatac aaaagttcat gtgttcatgg cgatgaggga atgtgttttg tctgaatata   660
ccgggttgt tatgttggat gaaattcgcn ragcagtagc gcacaagggc gtttttgatc   720
gn   722

<210> 6841
<211> 708
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 6841
gagggctcaa gctaattcag gaaatattta tttgcccctt acactcaagt ggtcccctgt   60
gtcggcagcc ccgaagcagg cgggtacttt acaactatcc atcagaacaa ggatgcatgg   120
gattacctct ctttccagaa gcattccggg gcagaattcc aacaccgcat gaacgacctg   180
catgagctcg tatttgtacg tcgtcccgaa tgcgcaatgc agcagatctt ccaagtctat   240
ccagatcgag aatccttcgg aacagatgat ctatggatcg aacatccggt gcacaaaggg   300
ctatggaaga ttatcggccg cagcgatgac tatgtatatc tagcccatgg tgacggacta   360
catgcttcgc ttctggaacc agagatcatc gctcatccta gcgtgaagtc ggcgataatc   420
ggaggacatg ggcagatctc accggttctt ctggtagact tgaaccctgg ggtggagttg   480
aacaatgagg ctntgaggga aagtctaaag ccctatattg agaaagtcaa tgcacattgt   540
catgactgtg tgaagctctc ttcggagcgg ttgatcttcg ccacgaagga caagccattc   600
atcttgacgg ntaaaaggag tgtggccagg ttgcaaacct ttggctctct attagaaaga   660
gaacgcattc tttgttggtt aagggggggaa gaccttggta taatattn   708

<210> 6842
<211> 674
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6842
ctttcccttc ggccacatca actgacggca ccgatctcgg tctgcgtgaa agcagtaaca   60
aacagggtca ctggagaaat ctaaaattcg aggaggttga cttttctgca ggacgcactg   120
taccagaagt taagtgcgaa gattgctgtt cacctaggcc cccggcttcc cctagggctt   180
ctttctcgga ggaagagttt cgacgagtgc ctggtgcgct gccggatgat cagatgtcca   240
ttgccagcta tgctggtaca tctaagacca cagactccaa tcccaacctc aacagcatga   300

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gcatagaatt tcgtcgtcgg tctaaggcgt cccgggagcg agaactttcg ccgatgccac      360
ctcagtcggc tttagccctt accagcccct cggacaaaga aaacgcggcc tctctgattc      420
agaagacatg cacggtggtc cttatccctc cgattcagtt atttatcgtc ctcattcata      480
tagcagctcg gatcgtatta ggcccagctn tgacatcggc catgggggag ttaaatcata      540
agtatgagta tcaagtggcg gatcctcagg aggctgtgga cgactntgat cttccacttg      600
cacccgactg tccgaagaaa cagtcggtat ccgaagccaa ctcttgggat ttggattaat      660
gttctgncaa ggca                                                        674


<210> 6843
<211> 661
<212> DNA
<213> Aspergillus oryzae

<400> 6843
ggatgtctgg caatgataat gaaaattatt ccgtttcttc tggaaagatt tcccacttat       60
tcttctcttt ttgttgaacc ttatgccatg ttattcatgt cacatgctca ttcctcctaa      120
tcttctcgtc catgatttcg gtactcggtt gcttatacac tcttccgttt ccatccgttg      180
aatggaagag gcaggcactt ccgacgttat aatgtacaat gaatgttgtg tttcaaaagc      240
gaaatgccat aatgaaggtg gggcttttga agaatctagc gagataggtt ggcttgcagg      300
gatgtctgat atgttttgt tttcttgtta tgtcctttgc atttcaatac ccggagttgc      360
ttcagcagtt ttccgtcccg gacaagcgtt gacaccgacg tttgacccaa ccaggacaag      420
actttctcac ggctacttgt ttgtctcatg gaagacatga tgtagcttat gtgtttattt      480
cttttcccct gtcgttttca gtcatcttgt atgcattgca tctacactgg cttggtgtgt      540
gctggcgatg tctgctttat ctgctatgat atgtctctct aaaccctttt gctagacaaa      600
atcttcgtta gaaaaagttt cctctttct tttcaaaaaa aaaaaaataa aaaaaaaaa       660
g                                                                      661


<210> 6844
<211> 798
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

<400> 6844
actttgctca gtcgtttctt tttcctttac ttccaccaaa cttctttccc gtcattacga       60
actttccccc gttcagtccg acttcaaaat cagcccaagc aacaagaacg aggccaacgc      120
aaagcagcag acacccaatg cagaacgtga tccataccaa tcccgcgcag atacctccct      180
tccatcacgg cgggactgac cattcctcct gaacggcaac ctcccttggc ggtttgatcg      240
gttgcccgtg ccgaaaagta attcgataga ttgttgtaca tacatatacg gcatatccat      300
ttcttgtgct gcccagttga cgatatattc ctcttacgga acccgtaccc agcagccaac      360
cgcaccaact agcttacgag agatccccta ctgaaagcag gccactcggt tcgtcttaag      420
cacggctctg gacaccaaat tctattatct cccatgcgcc attgtgttcg caacgtaaaa      480
ccctgagctt gcttctacca aaggcgacca aaaccacgt caatgcccgg aaaacaccag      540
aacctagcca tcgcaactcg aggctccacg ctcgacctgt gtttaagccc aaatagtaaa      600
cactcagttg ctgcaagaca ggctaacgcc cgtcaaaaaa ctgaatcata caagaacaaa      660
gccttgcgc cctctggcaa aaatggctac cgtgtcgata acaagcgatc tggagccata      720
caggcttcc cttcgcagct atctagctag aaacagattc gcgtccccg ggttggagga      780
ccggntcgac gagcaatc                                                    798


<210> 6845
<211> 680
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
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- 2428 -

<222> (1)...(680)
<223> n = A,T,C or G

<400> 6845
ggtaccggtt atgactgtgc ctatgctctc actttcgagg agagatgtta tggcactgca   60
cttttctgcc gtgagggact ttaccccag ggtcaatata gggacgagca ggaatgcttg   120
tctgacagag aggatgctcc gaaagatgcc aagcagagcc tcccagaggc agaactgaag   180
gcgaagaagc cattccttca gcccgcgccc gacagcgaca cttcgtgcat gaccttcgac   240
cgcggcagtg aacgctgtgt tggaaccagg tactactgta ccaatgatat catgaagttc   300
ccctacacag acgaggacgg cagtgtctac aataatgctg ccgagtgtct ggatgcccgt   360
gaatctgagc ctcaatctgc cgatcccgat cgcattgtgt tccctgataa ctaggatcgg   420
atatggacgt agtccccaac taggtgcggt ccatggcttg accacccacg ttagcattca   480
ggggatgcgg actaaggagg gaaccctgan agtgttgtga cgttcccat ttgcctgtac   540
ttatgtgtat taacctcctg gcgttagatt caacatctaa gccagtctta gtgcattagt   600
tttatttatt tcgtcgattt gaaatcacac tgagaaaagg aaaaaaaaaa aaanaaantn   660
nnaaaaaaaa aaaaatcctg   680

<210> 6846
<211> 697
<212> DNA
<213> Aspergillus oryzae

<400> 6846
gcataaatag atttaaacaa ttaccatact aataaaggca gctagcagtt caatcagacc   60
atacattcgc atatatttcc atataatgtc cgcagtgcac caagaaaacg agcctgctgc   120
gctctgtcta cacgccgaac ttcttcctaa catccgccac attactctct acgtatcact   180
tccggaggcg atgcgatcgc aaaatgttcg accagaaatc tgtctatccg attcgcgtcg   240
tgccataaca gtatctctcc catcgccaca cgaagatgcc acagacacga tcaaattacc   300
agctcgtgtt aatgaagcgt ctcggctggc cttgagcgtg gctggacagc gagctaagga   360
tccgcgggac cgcgggcttg gtcagcatga atactcgttt agaatgcaaa tcgatgacga   420
agattattcg ttgctctcga gagaagaaca tatggatagc tgtgtgccgt ggacccgcga   480
tcgacatgac ctcctgtact aagctttgtt gtcgccattg taagactatt ctttctcgaa   540
tcgaatgtgt ccgcgtggct cctgtgctga agacaatggt tatcacgggg tggatgtgga   600
aaggattagc ctcatggaga attggggcct gaaatgatgg gtattatggg cactggacac   660
aaaccgggat cctcaatgac ggtctaggac catggcg   697

<210> 6847
<211> 694
<212> DNA
<213> Aspergillus oryzae

<400> 6847
cgggatctct accaagcagt ttagaagatc atcgcacaga caattcctct ttgggacaag   60
agtttgactc acgtgcagga acgacggcat gcacgtatag tctatgatag cgttgactat   120
cacccaactt cgacaaagga gccagcttat gacgattata gtgatgacga agaatgtgac   180
cggaggtatc aggagtggca acgctcacaa gaaataatac tccgcgaacc aggggagttc   240
acacctcctg aaataaccga gaagatcaat ctacgggagc agttacacga atcagggctg   300
cagatcatcg tgaagttggc tcacattgaa ttgaccccgg agaagccgga gtacgaacgc   360
ggcacctggc atgttgaatg acaactaaat gaacgcatct gcgcaacggc catctactac   420
tatgacagtg agactatcag ccagagtaca cttgctttcc gtcaacgcgc agacaaggac   480
gaaatgtcag aaattgccta tgagcaagac cgccatgaat cctacagca cgtctatggc   540
ttttgccccg aggtcatcgt ccgtgacgat acgcaggtca ccaggaacc tggcagcgtg   600
ggttgccagg aagaccgact ccttacgttc cccaaaatcc ctccgcaccg ggtgtttacg   660
ttcttgttga cagatcggtc caagccctgc cccc   694

<210> 6848
<211> 696
<212> DNA
<213> Aspergillus oryzae

- 2429 -

<400> 6848
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ctttcaagct gcacttctgc tcattgcaga agtgctcctt aagcttaatc tatcagatgt      60
aatcaccatt gctcaaaagc actatgtctc ctgcacctgt cgctgcctct cagcagcagg     120
actcacaact tcaaaccctg gccaaagctt tcgaagctct tctgctaacc actcaacaat     180
atatcttgca agagagaatc ttgcaacaaa agctggaata tgcttatgac gagtatatga     240
agctcgcagg tccacttccc ggccggcttg acactcatgc ccagaatggc tcaaaaaaga     300
accgcgggca ctccttccaa ttccaaaacc aagaaatccg ggtctttcag tcctccggat     360
gtagtaaaac cactaccaaa gcctgggaat gtaggcaacc aaactctgaa cccaataccg     420
gacggggtgg gggtgtccaa atctgtcctg aattcacaga gtgccccgac ctcaacccat     480
gtctggttgc ccctagggcc ggagctcctg gctctttaga aaaagacttc accaccaagg     540
gcactcaggg gaatctgcac tgcccattcg caaaaaccaa aattatgcca tctcaaaagg     600
gggatggcta atgggaatag aaaactcttt acagaaccca aaagggacac tcgtggggac     660
acaaagtttt acaacccata aggggttgac aaaata                               696
```

<210> 6849
<211> 1293
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1293)
<223> n = A,T,C or G

<400> 6849
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gtcgactaag tctcgctacg tgaatctact ccgcataggt ggatttatgt aggcgaaagc      60
cagctcccag gaatcctgca ccttctcaac agtctgtaag ctttcatttt cgttaatgaa     120
ggctgtcgat tacgaggagg atcttgtctc gggaaggctt ccaggactct ctgtttcatg     180
cagtgtgtat gagtcggtag cgtcattcgt ttatattaac cagctcgttc gatcctttcc     240
tttcgtttgg cttcttctgt caatcttttg tctctacgtc tggatgtctc ttgtgtcatt     300
cctggccaag ttcatgggca tggacgatag gctgaaaacc gctaatcgct cgttcactcg     360
aagcgatcga gtcggcaagc ctagaaggtc gccaaggaag acacataggc atgtgaaggc     420
gaagaaaatg caagagaagg tggaaagtca gtcaccggct aatcccctca cgagccctat     480
agtcaccatg atcgttagtc acgaacaacg tgtcttcgta gctcatgagg aaatcctgtg     540
ccgctcgcct ttattccggt ctctactcaa agacgagttt gtcggggaca gcacgaataa     600
ggcagtggct ctgccagatg aagagccaga agttttatcc tgcgttctcg aattcttgta     660
caagggagat tatttcccgc gcctgatccg taacaaggac accggttcat gggaactcga     720
gaacagccag aatgccacca cccacaccgg tggccgcggg tcgagcgaag cgactatgtt     780
ccactccgct gtaggcgata tcgtcctcag ggacacggtc gtgtactgtg cagctgagaa     840
gtatggactg gaggggctca aaagccttgc tattcgcaag cagggtcttc agagcggaat     900
ccccatcgat gtgattctac gatccgctcg gtatgcctac gacaacacgc cggactcgga     960
gtatcgactg cgctctcatt acttggctat gatcattcgg acccgacaga ttttcaagac    1020
tagtggaacc atgcagtatg agatggagat gggtcataaa ttgtttttcg atctgtttgt    1080
tgctatgtgt aaccacatgg atgatcttga ggagatgagt aacaacgaat cgcctaagat    1140
ggcctaacga ttccacagcg agcatgacga tatgtacaga aaatcattgg aaaaaagatt    1200
ctgatcttca tataaggaa ccgaacgaga ctgcttgttc aagatgantc gggttcattc     1260
cctgaccatg gcgaattcta cacncttcca ggt                                 1293
```

<210> 6850
<211> 246
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 6850
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gagcttctcc ctcctcaata tgagtggtcc tggcgatgat cgatggcgcg ggggccgcac      50
```

```
atacgaccag aaccgtcagt cggggcaaag acactccttg cacagaacaa tgagcgcaca      120
cagtggctct cgtagcggac agaaccagaa taactgggga gagtcgcgtg atcaactttc      180
cactggacca gctcaggaac aacatgtccc cgtgcgaggc ttcaatgccg ccgaggcgaa      240
ggcggn                                                                 246


<210> 6851
<211> 692
<212> DNA
<213> Aspergillus oryzae

<400> 6851
catggatgcg ccacggcttt taatgatcta tccagcagat ctatacacgc atccatcacc       60
tggaattacc attccccacg agaacttcga cgccgtagat ggtcatttcc tgtctgagct      120
agcagtcagt aactgttcca aaggcattat ccctgagatc ccagccgaca ttcaatcagg      180
ccgttttcac gggtgtccca atcgaccaat cactgacttg ccgtcgtcgt cacacattaa      240
cgctcttact cacgctacac ttgcagctca ggtcattgaa gatcacctaa aggcaaattc      300
tactctcgtg ctcgatggga aaacagcaca cagctcggtt ctgcttgtag atccacgtat      360
tgaaagggta cgcccaatcg atatcacatc acgccgccat tcatcatcca gtaccggccc      420
tgtcccacac ttggagaaat aatcggttta caggtatgat gcatactagg aggaaaactc      480
catttagcaa gccacagccc ttaccgaggt ctaacgttct cgcttacgca tacagctacg      540
cacgtcaaac cttcggatca aagagatttc catggtatca gatcaagatc ttccgagtac      600
ctaaagatca ttctcatggt tatgtcatct tgtcacccag tagacttagt accatctatc      660
aatcatctac atccagcagt tctccatctt tg                                    692


<210> 6852
<211> 653
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

<400> 6852
gccgtcgcac ctaccttcga acctcaggat gagaagcaaa gtgccgccat gaccttaggc       60
cttctcagta gtggaatgag tcccatgaac tcggctcccc ccgccttcgg cgatggcacc      120
cttaaaatgg gcgagacgcc actcccacca cagggaggat ttggagcgac agcagatata      180
ccaagggctc cctcgcctct aagtgccatg ttcgggcaaa tgccagatat gcagctccct      240
ctcgattggg acacctggga atactatatt cagaatgcag cacttgatgc ctcgaaccag      300
tggtgggcaa caatggatca acagcaacag caacaaccgg agcacaacca caatctcaaa      360
atgcgttagg ctctgctggt ttagcatcgg tgcaaaataa tggtgccgaa agatgcgctc      420
attgccttct ttttccacgt attttaccct gatgcccacg tttaaaaaac aacaatttac      480
cgccaacaa gcggggacac gtttacccag ctgagatgtt attngcttat agatcccctt      540
tttttttttg agggtaagga aaattccctt aagtgggcgt aaaaaaattt ggcacacccc      600
ggggggaaaa ataaaccggg ggggttttta tggggtgcct ttttgttgcc aca           653


<210> 6853
<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 6853
tgcaacaagg atcattatac tttgatagta cttcattaca ccagcggcag agccctggat       60
acagtaatac cacgtgtgac tggtacatca atatcagcag agaaggctaa caacatgagg      120
agctgatgtg agaggcgtct tgaatggact gcgcctccag gcggctttgc tttcatattt      180
cctaaaccgt ggctgaagct ccagaaaatt tcccctcttt cgccgcgcat tgctccgact      240
actttttttt ttttctttct cacatcggag ataagaacga tatttgcttg caagtgtctc      300
attcttaagg gtctgttttt gcgctcaggt caccagattt acttgcatct atcctagaag      360
tcgcgcattt gactgtatca ctttttttct ccgttgaccc ctcatctccc ttgtcgcacg      420
```
- 2431 -

```
acaaaaacac acattcacaa tgtctgccga acagaacgtt gccaacaccg aggccgagaa    480
ggacgtccag aatgtcctgg ccgaattgag ggtgaagccg acacaacggc gccagaaaga    540
agaagagccc tccacgaaaa ccagaggaac ccgttttttcg gggccgcccc acttcgtgag   600
aactcccaaa agctgaagaa gacaaagaac gaaaaaccgt ggtggggccc ccgtcgaaaa    660
accc                                                                 664


<210> 6854
<211> 674
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6854
gattgggaag cgcaagacga gggacgtgca gttttatcgt gaggcgactg anatgcaatt     60
tgatgagact ggcaatcgta ggcgcaaaca tcggtacggc gatgaggaag agttcgaggc    120
ataccaacac gagaggcggc ggagagcagc cttagatcga gaatttaagg ccttcgctga    180
aaaaatagca gatgcaggta aagacgaagg agtggacgtt gacatcccgt ttagagaaat    240
tggtttcact ggtgtaccga accgctccaa tgttctaatt cagccaacca cggatgctct    300
ggttcagtta acagagcccc cttttcttgt gatcacccta aatgagattg aaattgctca    360
tttagagcgg gttcagtttg ggctcaagaa ctttgacttg gtgtttgtgt tcaaagactt    420
ccacagacca cctgttcatg ttaacacaat tcccgttgag tctctcgaag gagtgaaaga    480
ttggctggat tctgtcgaca ttgcattcac tgaagggcca ctaaaccttà actggactac    540
aatcatgaag acggtcggta gtgatccata cggcttcttt gcagatggag gcttgtcatt    600
ccttgcaaca gagtctgatt ccgagggtgg tgcatccgat gaggaagaat ctgcattcga    660
actgtcggag tcan                                                      674


<210> 6855
<211> 1002
<212> DNA
<213> Aspergillus oryzae

<400> 6855
cttatccact gcttgtcccg catagcttga tagggtgaag tacttatctc ttgattctac     60
ttggccgtac ctccctccaa tctataataa ctccacgccg acaccatgac cggctttgac    120
ttctccaact acaaccgcaa cgcggctctc cacgccaagg gagtgcctct acctaaggct    180
acaagtacag gtaccactat tgtgggctgt atatttgaca atggtgttgt gattgcggca    240
gataccagag ctactagcgg acccatcgta gcagacaaga attgcgagaa attacactat    300
atttcgccca agatctggtg tgctggtgct ggtacagctg cagacacgga gttcaccacc    360
gccctgatta gttccaacgt cgagctgcac tccctctcga ccggccggga ccctcgagta    420
atcacttgca tgaccatgtt gaagcaacac ctcttccgct accagggaca cattggtgcg    480
tatctggtgg ttgccggtgt tgacccaact ggcaccggtc tgtacacagt ccacgcccac    540
ggttcgacag ataagcttcc gtatgtgact atgggttctg gatcgttggc ggccatgtcc    600
gttttttgagt ctacgtggaa ggcaaacctg aaccgcgagg aagcggttga actctgtgct   660
gaggcgatca aggctggtat tttcaacgac ctgggatcgg gtagcaatgt cgacgtgtgt    720
gtcatcgaga aggacaaacc cacgcaactc ctgcgcaact acatcaagcc caatgagcgt    780
ggtgagaagg aacgcaatta ccgcttcccc agaggcacga cggcctattt gaaccagaag    840
gttatcagca aggaggatat gaggaaatat gttactgtgg aagaggtctc cggtgaccct    900
aacctaatgg aggtggactc gtgagttagg aagtgaacct atatttgaca gagccttatt    960
atttattaca ctgaattacg catgaaggaa ttacatgatg ag                      1002


<210> 6856
<211> 645
<212> DNA
<213> Aspergillus oryzae

<400> 6856
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ctgctggtta cctgccacgt tatcatgaag cttggttgga tcgaggtggc cgcattggcg        60
gctgcctcag tagtcagtgc caaggatgat ctcgcgtact cccctccttt ctaccccttcc      120
ccatgggcag atggtcaggg tgaatgggcg gaagtataca aacgcgctgt agacatagtt       180
tcccagatga cgttgacaga gaaagtcaac ttaacgactg gtacaggatg gcaactagag       240
aggtgtgttg gacaaactgg cagtgttccc agactcaaca tccccagctt gtgtttgcag       300
gatagtcctc ttggtattcg tttctcggac tacaattcag ctttccctgc gggtgttaat      360
gtcgctgcca cctgggacaa gacgctcgcc taccttcgtg gtcaggcagt gggtgaggag      420
ttcagtgata agggtattga cgttcagctg ggtcctgctg cttggcctct cggtgctcat      480
ccggatggcg ggagaaactg ggaagggttc tcaccagatc taggcctcac cggggtactt     540
tttgcggaga cgattaaggg tagtcaagat ggcggggggca ttgcgacagc taagcattat     600
atcatgaagg aacaagagct ttccggcaac aacccgaggc tgtgg                      645
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<210> 6857
<211> 645
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 6857
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cgaagaggag ctggatgaca ctatcgaaca gcgtataggg gaggccgatg acttctacta        60
tcacatcagc cccctaccta tgagcgatga cctacgaaac attcagagac aggcattcgc       120
gggcatgatg tggacgaagc agtactacca tttcgtctgg gatcaatggg caaacggcga       180
tcctgcgatg atcccgcctc ccctggtag gaagcatgtt cgaaaccagc agtggaaaca        240
cttatacatg gacgacattc tttcgatgcc cgactcctgg gagtatccgt ttttcgctgc       300
gtgggatact gctttttcact gcatccctct cgcgatgatt gaccccgagt ttgccaagaa      360
gcagctggat cttctcactc gagaatggta tatgcacccc aatggacagc ttgctgcata       420
tgaatggaac tttggcgatg tanaccctcc cgttcacgca tgggccacgt tccgagtctt       480
cagattgagc ggaaatgtat ggtcgcagga cttaaatttc tcgaacgggt gttccaaaag       540
tgcttcttaa ctttacgggg tgggtgaacc gtaaagactc aaaaggaaag aatgtttttcg      600
aagggaggct ccttcggctg ggatacactg ggttggtcca tccgt                      645
```

<210> 6858
<211> 666
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 6858
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ggggtgttat aggggggagga gtggtttcga aaggaaagaa agagaggcaa acgggaccag        60
gagcgatggt gacgaaaggg agggacacaa caactacgtc gttcttttct tgcgcgtatt       120
attgagccac tgggaatgcg tgaagtcagt taagtgtttc ccgacgcaag ggagcaagag       180
attccggggg tgaggtcgtc tattgcttgg atttgggggc cgtggaatgc aagattaccg       240
cgtttaattg gggaatggag gactggactc gagagtctcg gagtgctacg gtactgtcta       300
ttggtttttc cgtttccctt atttttttct tttttctttta gttcttttta ttaagaccgc      360
tggctggtca tgtttgaaat gtgacttggg tggttccatt cgatctttga ttgaattcca       420
tgaagatggc tgtaattgca ctgtactccg catacacctg tggaatgttc catggattca      480
atcgccattt ttttgattag tgtttcgatt tcatttgctc aagtggattt atggatatca      540
ngtctgttta ttttttgggt taaattctat tatgtcgcga tctgtgatat ggaggttggg      600
taaacaatgg gaactattga ttggattgat cactcttttt tggggatgt ctgatagtaa       660
gcgatt                                                                 666
```

<210> 6859
```

<211> 676
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 6859
cagatatcca aaccaaacaa agccacgggc acctccaacg ttaagaaaca gatgaaagcc          60
aatggtgtgg tcaaggcgac tccggcgctc aatcccctca agcgcaaggc agaactagac         120
cgcccctctg caactcccgc ccagggacgt accacggggg atttggagca caagcgacga         180
cgggcggtta gcacatcgag tagtagcacg ggaagtgctt caccgcccct cagtcgggag         240
attcttctcc agcagctgcg agagaaatcg cagcgcttta aacactacta tgccaagtac         300
cgttcactcc acgatacaat ggcagctcat ccagatccac cgagggcgga gttggagaag         360
ttacggcggc agcattttcg actacagcag atgaaagagg aaatctggga tgaagaccgg         420
cggctccgcg aagggctnta nacgactact tcgttagacg aaatcngnac ngggatgtgc         480
taattaaatt tcctattgga cactggnaga tccgggttgt tcacggaacg gatcacccgt         540
ttatattctg ggatgtttat gtattcatct ctttttcttt atcgcatcag aaatcttcta         600
gcatgacgag gcantgttct gangttgctt ccaggcgttc atgggcttgt ttcatattac         660
acactcatgt ctggtg                                                         676

<210> 6860
<211> 732
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

<400> 6860
gggtccgact cgatcgatgc agacgacgtg ctgttcttgt cttaacgatc gcggtattgc          60
tgcataatcc cggtcttctc ttctctttct ctattccatt gtctggtaga ttctggttcc         120
tgtcgcggaa ccctgcccat tgattgtcct aatcttgatt cgtttatcga gctgtgtttc         180
tcgactttga gacgatcttg tggacagaag tggtgatcga tcttcaacat tgacgtctcc         240
ttctgctggc cggtcccact caagtcactc cacagcctcc actatccgag gtcatcccgt         300
agttttaccc acaattataa acgaagatga cgaccgccgc cggtctaggt tcccaaacgg         360
tccgccggct atccagcctg gacgccgttc gggccgacct ttatggcggc cccagggtgg         420
tcgttcctcc caagcacttg atggccctca gtgactctca tgaaacggct atggcaatgg         480
aaatggccaa gcaacaccta gaagatgagg gttcatctga tgaggggtca ccccggcgtg         540
cgtcctcggt ctgcgaggcc cttgaccaca ctgatgagtn gcgctggcct cgacatgacg         600
gcgtcttatc agggcggaga acgatcccgg cgccttangg cactcaatta tcaatgggcc         660
aatcggatgg attaagaccc tatatttctt acaatgtgga gcaaacgan aagaagatgc         720
ttgatttanc at                                                            732

<210> 6861
<211> 384
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 6861
cgacatcgct agagcccttt aacgagcctc aaacgaaact tcttcctcaa cggtggctac          60

- 2434 -

```
cgaacgtttg ccttgcgctt gctctctctt cttgccttca cattgggtca ttgttgtata    120
gtgtcgggaa actacggtca gaaggccagg ttcatgtcta ggtacacgtg cgaaaggggt    180
aattgtattt tttttttct ttccgtatca tattctgata tgtcaagccg ccgttgtcta    240
acggaacgag actggcgtct aaatgggcaa tgtaaaggtt ttcatatata ggaaatatat    300
gttgagcaat tactgggttt tgcacaccgc cggtacttgt tttgccgatt agctcaacca    360
agttcataac ccannnaaaa aaan                                          384


<210> 6862
<211> 968
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(968)
<223> n = A,T,C or G


<400> 6862
tgcccgtgtt gctttgggcc ttgtcaatga cagcaagcaa aacggcaaaa gagtctttgt     60
caaggacatg gccaagtgcc tgatgccact ccctggtgcc gatcctcgta tcgcaccctc    120
tttacattac gagcagaggg ccattaacag aatggattcc ttgcaaaatc atactgctat    180
tcctaacccca actgtcttcc ctctagatat tctttccggc ttccattaca ccttcttaat    240
ccggaaccct cgacagagta tccccagtct ctaccaatgc tctatcccac cgaagtccca    300
catcaccggg tggaacgggt tcaaagcgac cgatgcgggc tacgcggagc tacgtattct    360
gtttgactat cttgtgcagg ttcagatcat tggtcccgga accgggaacg atatctgcat    420
tgttgatgcc gatgatctct ggcggatcc cgaggggatc gttgaagagt actgctgttc    480
tgttgggatc ccttacgacc ctcggtcctt gcactgggga gcagaaaaag atcaacagcg    540
agctcgtgat atcttccaga actggatccc gttccatgat gcagcactga agagtacttc    600
actcaatccc cagcctccgc gagttacaac ccttgaagat gacattgccg aatggaccga    660
gaagtttggg gccgaggccg ccatgctcat ccaccagaat gtcgaggaca atatggaaga    720
ctacctgtac ctgaaacaat tcgccatcaa aacctgatca gtaaagattc ctcctgttag    780
ccagatacat acacgatgac aagtcaagct ctttccaatc aatcaaccta acaccttcac    840
catataaact ctcctcagcc cattctccaa ccccagatga gtctncacat accccaacct    900
ctcataaatt cccacattct ccaccatcat ctcattcgta tacaacctga tgcgtttgaa    960
gcccactt                                                            968


<210> 6863
<211> 677
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G


<400> 6863
aactgctgtc aatcgacgag gcccactcca gggctcctac acctctactg cggcttcatc     60
ccaatccggc cgggcatcgc cttggaacgg atcctctcgg ggtctagcca gaaggccaac    120
ttatagacag gggctggacg actggaagcg cacgccaaaa cggcaatcca tgatcatccc    180
gtccgacatg gcctaccgca cgccagttc tatatcggca ccctggctg attccgaaga    240
agaatccggt gatgcccagc atgcactccg aaaggtactc caggagaggg gccgcattcc    300
tcgatcccac actgtcaact tcggctcacg ggtcaaccga tcgtcacgct ccttggcgca    360
tctccgctcc tcaccacccc gatttggagc cgaattggat ctcaatcttc aggccccaaa    420
cacgtccccc acgaccatga cggatcctga tctggcaacc ccaagcaccg accgatacag    480
caattcgagc aatggaccaa gatgatctgt atttcattga ccatggtggg ccactgatga    540
ttcatgtgaa tcgtgcagcc atggctacat acccaatgtg tcgtcttgag cgagccaact    600
tgcatcggct acngctgggc tctgactcta ctcttctcga gaatcgcatc gggtcccgcg    660
gagcgtgcca tgcacaa                                                  677
```

<210> 6864
<211> 661
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 6864
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cggaaatcga ccaaaataca taggtccgcg atgcccgaag tggtctcgcg aaatcggcag        60
atgttgccac ctttcccgtt cgcctgacct tttttccatt cttttgtgat gttgagccag       120
tgttgtatat cacaagtcac ctggccttct cttactttct cctctacgct atcctggata       180
tagttatggc gttttagatc ctcgatctac cgaattcctg ggagctatac accaccgctc       240
gaccgggaat cgttatgaag tgatgactga tgaatatgat gcataagtga ctcgattaac       300
agggaggggt tttgactcgt ggctaccagt ctctttcggg tgtcttcatt tcctttcccg       360
cagtttccct gtctctcttt ttccatcagg gtcgcgatgg tttttgcatg ttcgcatgtt       420
cgggcgttgt ttaagggttt gtccatagcg catgaagata cccctcggcc tcaatctcga       480
gttcagctac gaggttctgg atggagtttt tctactctgg tcgtggtgtg gctcaattgt       540
tcatggngat tgccttgntn ctatctatct atctatctat atatatggac gtttcctttg       600
tgtggcgggg gtttgacggt cgtgttttac tatattcggg tcttgatatg gttattatgc       660
g                                                                       661
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<210> 6865
<211> 598
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

<400> 6865
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ccatccgagc ccgccgcctc tcgactcaca ataccaacct cattccgatt gctcccagct        60
ccattctctg gggatgatgc cgccccagcc tgtctcgagt caatcattga acgcgcctct       120
cgttgacgag aacagctggg atcccacccg tataattact cagtgggaca tggcattttc       180
catggcgcct ccacagtga atacaaactc tcccccaatg gctatggatc attcagttca       240
agcgcctttg gcaggacaat acactgtcca gtatggacaa acaacaaagg ttacgccagt       300
cacgcctcct caggctatct caccacctca atttaatgga caacaagtgc tctttacagc       360
gcgtgactgg caacaaagtg ttgccagtgt ttatgatcct aatggcttga aacgacgctg       420
gaattattcc gtcgatatag gtacagagca cactcagaag cgcgcacctt gaatatcagt       480
atatgcaata ggcactgagg actaactccg ttggtgttta ctttgagaaa gtggctgtat       540
tgatgactct tgtgatatag aactcttcgt tctaatatac ccctngtctt tactttgt        538
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<210> 6866
<211> 671
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 6866
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gcaaaagccg ataacgcaga ggatgtgatt gactgggagg atgacgatgt ccctgctgca        60
gatgctgccg cagcgaagcc atcgacccga gctggtgccg cgcgatccgc ggtggggggc       120
aagggccctg gtttcaaacc ggacgtgagt ttcggaccaa gaacaaggca acaatcccgg       180
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ttacaacaga cgaccttacg gtagattcaa ttggggatgc tgccccaatg gaacaagggg      240
gaacggaagc agaacttgcc gaggccgctg aaacaattga ggaacttcaa gttgaggaaa      300
acccgggggcc ggctaatcca attggccttc tcggtaacgg caatggngga ggatttgaga     360
aaccttaagg tctcgcccag aaatttgtga attcaggaga attcgagaac cgttctcaaa      420
acgcggagag aacttttgag agggctacgg gttgtgaagt gctcccggga ccggtataca      480
accggtttta acattttgcc aaaggcattt cagagcgaaa accgtgtaag aggtctcgcg      540
gagatattgc acaggggacg cgagagagaa gacagggttt tctgtgagga ggacgggtct      600
cagtcacagt ctcaatctca gcaacaagtg tcaagagccg gacacggcga cagggtcaac      660
gtaacaaggg g                                                           671


<210> 6867
<211> 656
<212> DNA
<213> Aspergillus oryzae


<400> 6867
ctgaaggtt gtatgcgtat gacgtccgcc cattgatctc tccgcttgct cattggaaga       60
tcccgtattt gttgtttctg gttgaggtac tcctgacgac gcgaatcagc cagctgaaac      120
tctagtgaga tctgctattc tagatcgcta tttgtccgtc attttcctac tattgaattg      190
gcgatcccca tctcgctccc ttccgcaaac agggcagttg gaatctggaa tttgctattt      240
cacttgccct tcccgtttct attccttttc tcctaaatat agcaggcggt tctaatccct      300
gtcaactagg actttttctc tttttttcctt ctttatctct ttgtggaaat taccaaccct     360
tgaagccgtg tctctcagcg gatcccctat cttttaccc cagctttgac ttctaacgga       420
tatttgagac ggttcaatca ccaactactt ctgtcgcata cactccgtac gcaacatcgt      480
acactttgac atcccttcac catgcacaaa ccttccctag ctcagattgt gcacaatggc      540
accttttcgc gcccgcgcac gagcgatcca gcgacattct cagcttatat taccccgaac      600
cttgtttcga aagttggatc gaaacttcga cttctatgga tcgctggacc cgttga         656


<210> 6868
<211> 689
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G


<400> 6868
gtgagtgaga gggatgggcc ctcttagtca gcggcgtcac atcagagctc aagccacaaa       60
catcagagtc tcagccacaa tctatatcag ctgcagccac aacatggaaa tcaaattggg      120
gaacgataat acgagttccg gaaagcttcc ctctccgaca aataatcagt ctcatctaca      180
gaattaatca taataataat cgtattgttt gcttcgtgca cagctgaatc gtctgcggca      240
cccaggctca aacttctcta tcctatctcc ggtgacgatt cgaggcgggg cactttgac       300
cgattcggga aggaaacgac atagattact actacatggg accggggtac ttctctgtgt      360
tgtcgataac gctgatctct cgcctacgtt cgccctttgc agtttgattg tcctcggatt      420
gtgccgaagt gatcgccaga ttcggttcga ttaaccagtt cgtttaattt ttcgtaacag      480
cagagaaccc cctggtcgaa cagtcgccag ctgccctcat gtcttatccg ccatccggga      540
gcaccgcctt gtccggcccg ggcaagtcct tcttaccggt gttacctcgt tttagaccgc      600
aattacacgg ggacagtgat cgcactcgat gctaggatcc acgttatcgt tcaacaattg      660
aaaagaggcc atcgacgtgg tgcatattn                                        689


<210> 6869
<211> 697
<212> DNA
<213> Aspergillus oryzae


<400> 6869
ctttcatgca gatacaagtt gaccggtcgt tttgatggct ccaaaccttc atatatacgg       60
cagggtcttt ctgctattcg aatacaatcc atcgtagcca ccgaatgctc ccaggatctc      120
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cctccaattc ccattgttcc atatgcgctc acactatcta tgggtgtgtc gtatcagcag        180
tttcgctcga gcaagcttat tacccatttc gatcgggcca aagctagctt ggaagcttgc        240
tgtacacttc tagaagcctt agggatctcc tggtgttctg cagaagcaat ggcacggcta        300
gggcgaaaag ccctacacca gattgatggg ttaaaccttg gtatccacaa ccctagacaa        360
gctcacaggc agtcgccgac gcctggcagc acgctcatta accctacaaa cgcacaaagt        420
gctgcgccgg tcttaccgct ctcatcttat cagcgcgatg accatccact tgctgacgtg        480
tctgctaccc aacaaattcc ctcacctcac ggatcgttgg tccctccaga gaataacatg        540
caagtttatg agaccgatgg gtttcgcgat attgacgtgc tttttggtga cttcttagat        600
ttgctttaac tacaaacttc tgggatccgg ttttcttgcc ctgaccaaca gcataggga        660
acgtgatgtt actttgtaag aaaagatttt gggaagg                                 697


<210> 6870
<211> 650
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G


<400> 6870
gcgggatccg gttcgaccta tttcaagttt aaagaagagc aacttgacca gcgacagcag         60
gagcaacaag gcctcttcca agtcaacttt gacctcttcg aaggcgttct gagccagaca        120
gccgactaca gggccattct cgacttatcg gaggaggatg ccgagttgat tgacgctgca        180
tttgatcagc aacccatgat gcctcctaag ccgcttgtcc cagcctttcc caaaagcggg        240
cgcggcgctg tgctctttaa gcaatccgag aagaaggagg aagatgaagt gaatgggatc        300
tacgtccgga acgagcccgc caaacgggca gtcgagctca gcggcctga cattgatgat         360
ggtatatgat gatgggtgca ataacatggt cggagaaaga gagagagaga gagaaactga        420
cagacanaca aacgttcaga tgacctggat gagctattag cactaggcga tgataaaaag        480
cagacatcat catctgttgc tactgcttct actactagtg gnagcagtaa tagcaatagc        540
aatagtaccg aaaaaccgct acaaccgcct atggcgaacc catcaaagga ttcaantgca        600
agacctgggt cgattccgaa gaaacgcaga cgatacaaan accaaagcgg                    650


<210> 6871
<211> 730
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G


<400> 6871
naaagtcgac tctgttgaat acggccgagg cgaactacgc atctgaacgg tttgataatc         60
gcgacgcgag taccatgggt gctgtgctct atgaagctgc ccacgctgcg cgaccaagt        120
cgacgactag cgaatcatcc gaagatggtg tttctgacgc accctctatc gatcgtcggt        180
ccgccaagaa gcgcaagcgt gacgagcacg tttagttgcc cccactgccg tttgcaactt        240
cacgacgcga tgtgaccagg agctcccccc ttactactta atacactatc ataattactc        300
caccattgca ctggtggtc tggcttttgt ctttgcggtt ttggcgtctg ggcatttaca         350
ttggcggtgt caggtgggag gctaaggtgt ctggcaaaag gattcgtttt ctcacagggg        420
aaaagagaaa cataatatag cacatggtct tcacaaagga agatttacat tggaggcatt        480
agaccggttg tctgggcggc aacggattcg gcgcactggg agtccacggt ttggactaaa        540
cttagagcgc atgacgcctt ctttgaggca caggtggtga tttgggattt ttctttttt        600
ctcgtcgcat tttctggcaa agatgttttt gcctcgatca acagaatggc tcgagtcatt        660
cttcactctt cttgtaccca tnnttcrntt cntttntttt ttttttccct cttttttctct       720
tctctatacc                                                               730


<210> 6872
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- 2438 -

<211> 67
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(67)
<223> n = A,T,C or G

<400> 6872
gtgggcttcc tcaaatacgc attcactcng tagttcaata tttaggtaca tacgaagttt   60
cagatgc   67

<210> 6873
<211> 765
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

<400> 6873
ggcctcaagt cgttcgcaag aaggaagtcg taacgatacc tccagtggat ggtatatttg   60
aagagaagaa gaaaaaaaaa aagaaaaaca accaataaca acaattttcg actgctacga   120
agccatggaa acgagatgca agagtgttat gagctgcacg atctgtatag ggagttgtcg   180
gtcatcaatg actgccaatg gggtagtgcg ggttgtcagt tttgcggatt caatcggacg   240
ggcctcacac ttgacagtcg ataactcgca attcttttat ttatcacctg aatttccctt   300
tgcgaaatac aacatcacgg ctttataaac tatctggggc aacccactaa gggaattttc   360
tttggcgntt ttctctgttg tgttttgtct ccaatatcca gtcttccata ccactgcgtt   420
tttgggttac ttcatgccgt tgcaaacatt cgagccctca tttccggatt cttctgtttg   480
accgagtcgg aacttgagat gtcacccatc ggggtgctgc tgggtccgct gtgactggca   540
acctacgatg gtccataatc tgcacaccga atcttctggt acatgctaga aagtttgtat   600
tctctgagta tgccaacgaa tctggaacag tgacccanat cggtgagtat ggctcangca   660
tgattaacac aatgagtgtt gtctgcactg gacattgata cctctcagcg tcgactattg   720
acgaaccaat catagtgtgg aattttgctg catttacctc tcttc   765

<210> 6874
<211> 678
<212> DNA
<213> Aspergillus oryzae

<400> 6874
ggtgatataa ataagaacct ttatggtaac gagggatcaa ccgacgccac caacgatggg   60
aaggttaagt accacacatg atgtattcct tgcttgctgt ctcggcaccg ctacccactt   120
gctgttccag cccaagctgt cacgcatgca aaggggaaa agggagaccc gctgtttgct   180
cggtgatcgg cgtgggtgta ccagatggag cgacgcgagt ggaacaaatt ccatcaataa   240
atgcgacgat gcgggaggag ctataatgga tcctttccaa agggaaaaaa aagggaaaaa   300
tagcaagaga gccaattaac gtcatacgga ggaaaaagca atgacgatcc gattcgttac   360
tngtagacta acggcgaact cggtccagca acttctctt tcttaaggta ctgtgttgtg   420
agtcagtca cattgttgct cggcattctg agccatggct tgagaaagtc catcaggtgg   480
cctggtgagc cggttaaaaa ggcatttgcc ccgcaataac aaccctggcg cgcgtgggtt   540
gttatccttg ggccttgggt ccaacaaaaa aaagaaaact ggggggaccct ttaaacacca   600
agggaccatt aggtctccgg gggaaactgg gaccctttgc cctttagggt agttcctggg   660
aatgattaca aaacccat   678

<210> 6875
<211> 674
<212> DNA

- 2439

<213> Aspergillus oryzae

<400> 6875
gctattagtg gctaggcgtt acttcttcag acttttgttt tcataactat tatatgatgt   60
tgtgtcatac ttatcggtgc ctgagctgct tgacctgaga tgtacaagtc aagagctttc   120
gcagcgcctg gtattctcga gtctaccaca gtcttttttgg aagagccagt ttgctcgagg   180
ctccagcatg gatttcctat tccctgatct cgaacagtca cgcgattggt tccgtttata   240
tcgcggtaca ttggctatcc tttatgccaa agatcaatcg cctgaacagc tctccctgct   300
caaccgcaag ataatccgcg aggtcctgta accggtagca tctgtcgtat aatcggacag   360
tggacggttt aaagaacctc acgggcgccc ggcgaactgc atggtattaa taccttggca   420
atgtatacct ttcacatggg atgtatgttc ctagctaccg gaacggcgcg ttcccacagt   480
ctatgtcgcg gtgtgggaaa aatgaaagtt taaactgtgg agctaagtgc acgagtattt   540
atttatccga cttagtcttt taagatagggg cctcgctgtc attgtgggtt ggccggctcg   600
ggaacattaa aggggcccccc ttacagctga atataagttg gattgaagta tcattatgtt   660
cccataggct ggcg   674

<210> 6876
<211> 712
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

<400> 6876
ctccacctcg aaatcaacca gcaataccccc tcattcgaaa atccccatct gcgcaaaata   60
tctcattcta gccggcgacg taggccgcct aacagactac gaccaactac ctccacttca   120
tccaaaaaca cacatcccga ttcgaactcg tattccttac tctgggcaac catgaattct   180
acaatctgtc tttcgcagaa gacctggaaa aggccaaaca gctggaacag gaaccctcgt   240
tacagggacg gttagtcctc cttcatcgac gaggctacag tgcaggcgaa gaatcaaaga   300
tttccagaaa aatcacaagc tggacgattt cgatgaccat aatcactatc acgaggcaga   360
tctcgactgg ttgcttaacg agatccggac cgctaataca ccgggaaatg cgggcccaga   420
agcaatctat tatagtcgtg acgcatcatg cgcctttgag acgagggagg tcgagtccgc   480
ggcacgcgca gaacgcctgg agctcggcgt ttgggactga tgttttatca gatggtttgg   540
atgggatccg aacatgggtc ttcgggcata cgcactatac ggactgattt caaggaaggg   600
gggacgaggg ttgtgagtaa tcaacggggg tatgtgcttn cttggagtaa gacgaatgga   660
aaggatgggg tttgatgttg ggacggtatt catgtgtgaa tcttggtggg gg   712

<210> 6877
<211> 651
<212> DNA
<213> Aspergillus oryzae

<400> 6877
gcgacaatgt agtactggcc tgttgcaacc ggccaccgac atttgcgagc ttatagcgtg   60
acaagcattc tctctaagta cactggtgat ggtccgaata ccgtcattct gaatacttac   120
actctctctg accgagcgta tgtagctctc ttcacgtcga tcaatgcgct gcagtactag   180
gcttcacatc caccaatgcg gcgaaccctta ttgtaactga ttgatactca tctatccgac   240
tgctgcgacc tctactctgg gaacatcgca acgccacata tccgtacgat gggactccat   300
accgttcag actttgatcg agacctgcc cgagactatt gggaacttac tgagtactcg   360
tccctgcctc atgatctcgt ggctcgcagt gatcagtaga tgatgctttt ggctatggtg   420
caggatgatg atatgccgtt tattgatgtg ccaccctagg cagcgatcat tgatactcaa   480
tgctagatgc ggtatcggag acggcatgtt ccgtccgcta cgatggtgcg aagtgctgat   540
tgaactgatg ctgctcctac ttagactggc gacatgcatg ttatgtcgac tgatgctgat   600
gcaacctcgg atgggatggc tgacgctccg acttcggacc ctacgatca g   651

<210> 6878
<211> 658

<212> DNA
<213> Aspergillus oryzae

<400> 6878
gtccaaaccc aacacctgcc cttttgagcga ttctgggtta ctgactcgcc tgcagaaaaa   60
ccttccgttt gttttggacc agccaagagc caagacgtca tctgacgtgg ttagtcaatt   120
aaacgactca cgtcatcatt gaatcgattg tttttcgttt gaccgtcgat ctatcttgaa   180
gccagagcta ctatccacta ccatacgact ttatatagcc tgatggcgcg gtaatttctt   240
gacccatata aattggataa gggttcgaag aggaatgtga cacgtgtgat tggcttatcg   300
cgtgaacgga gatagacatc ccgtcaccag gtggatcaag agtcagatct gatattgcac   360
cgacacgcta aattcgactc atactgggaa cattctccat ttggaatatg ggagcactaa   420
tgagcagcat gggtggcggt gttttcctac caacaccttc agttgtgccc gccaatcact   480
ttactccttt ccagttctgc caattaggtg atatccagct tggattcgga caggatggtt   540
ggaaaaatga cgtacacaga atgcaactcg ccgcgcagca agtcaatgcg gaggagttcg   600
acttgtgcat tgccgtcggt gacttaacca acaggcgaca ttcctatgaa atcaccgc   658

<210> 6879
<211> 658
<212> DNA
<213> Aspergillus oryzae

<400> 6879
ggcgttaaac gaacgatctg tatatatttt ctagcattgg gatgtatctc tattacccag   60
gtgatgtgat tgactcacct ttcgtaccaa acagcgttga tgatcagtta tggtcggacg   120
gttatcctca ccacccccgct catctgcagg ctgcgatcga ggggtacaaa tggctcaacg   180
cctcgaatat gatggggatc gggggacttt atggggatgg cttccatatc agcgggtgga   240
agagcgctga agagcctggc acccgcaagt gtgacgtcct aaataagatg gtatacacgt   300
ataatcaagg agtgatcctc agcgggctga ggggcctctg gctggccact gcttcatggc   360
agtacttata cgatgggcac gaccttgtcc gcaacgttat aactgctaca gggtggcaca   420
acaagaaaag taagaaatgg gccggccttg gccgtggggg cgttttggaa gaggcttgtg   480
attcgggggg cagttgttct caagatggac aaacattcaa agggatcttc ttcaatcatc   540
tagcagaatt ttgtcgaccc gtccgccctc aggaaaacgc ttcctggcga gtgcgaacca   600
gacgacggga ccaggcagcg actgggagta catctatgat tggcatcaag cacagtgt   658

<210> 6880
<211> 672
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 6880
ctttcattga agcaagcggc tctccacgtt atccatccaa ccgagtatac caacaaggag   60
ctgacctcca agcgttacaa atcaagaaac tgcaaatacc taatgggacc ggagttgagg   120
gtatagacac tgcaacaaac caggcggtgg ctgagttcga gaaacgtgaa cgccagtctg   180
attatgacaa ccgcttgacg cacaaggtct gggaactggc caccacgaat gcaaatccgg   240
cggtggacct cgtagtttgc ttggaacgcc gacaaccgat tggattccgc tatgtcgata   300
ttaccccgaa tgtcgttata caccatggaa gcagagatac gcgcgttccc gttgataatg   360
tgaggtggct tggccaaagt atgcgacgct gtgaggttcg aatcctcgag ggagaaggcc   420
atgggctgat ggcctcagca acagttatgg gtaatgtctt aatggaaatt gccaaggagt   480
gggaagactg gatgacggta gtccagggta agcgtcgagc aactatagga acaagatcag   540
gcatcgctgt tcaagcctaa tttggttgac aagatctgaa attgctgcgt cgaagtcatg   600
gaagattcgg aggaatccgg agaactaagg atagggaaga tccgaaacta anaagaagaa   660
gaagaaattt gg   672

<210> 6881
<211> 447

<212> DNA
<213> Aspergillus oryzae

<400> 6881
gtaatctccc ttgcgagtct gtgccgacgc cgtcgctggc cggagcccca gttcgaggcc   60
tatgaaggtc ctaccgggta tacctgcatt gttcgcgtca acaatcggga ataccagacg   120
gacactgttt accaaaacga aaccctggct cgagagaatg cagcaatgcg agcatacctc   180
atctgtcgga atttctccgt caacgatggc atgtatccag ctggacatga ccacggagga   240
atcgtccagg gaatgcctgt ggcgataggt actggacgaa aggcccgcta tgatgatacc   300
gatacatcga ccagtggagg aagcagaagc ggagggagca gtcccgaaag ctacgaggga   360
ggacgattcg ttcaggacag acccgctgtg ccctcgaggg ccctcgcatt cagcagccgt   420
ggaatgtagt ctcccctgcc ctcctca   447

<210> 6882
<211> 255
<212> DNA
<213> Aspergillus oryzae

<400> 6882
gggaccacgg ttacccctta ccctatattc agtgggtgca ggtgaaactt ccgcatacaa   60
cacgcttaat gactcactaa tgcttcacca cggtataatt tcggcataaa atgtctgaag   120
gttatgctct tcggagggag aagtcctgta tggactatga aacggactgc ggcacaacct   180
ggaatgattt tgttgcatgt tgtccctccg actcatattg cccgggagga gagagtacaa   240
ccgtctgccg gaagt   255

<210> 6883
<211> 666
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 6883
ggatgacaag cagcttcttg cagtcgtctc gcagccggcg dacaaacacc ctcagccgct   60
agacttcgat gaaccaccta gaaacgtgga agagattccg cttgagaggc acggtgcttt   120
gcttcttttg gctgcccgag ctgcgatggc cgaactattc tcatcgggac aggtcacccc   180
gattgccgtc ttccctgagc tggctcagat atttgacaac tttgtcggtg ctcacgataa   240
gccggacgag attgcctttg ggcagcctca ggcactactg gactctttgc tgacattgac   300
cgtcttttct atgcaacgat caatcggaga gccttccact gagatagagt tccgacgctt   360
catcttatcc ctaactgctt gcacaacgcg acaaagttac aactccatca gacgcatccc   420
tgggaacatt ctccacagtc acccgtctca cattgtccgc ttcaagacta ttcgcctggt   480
ccttgaagat gatcgtttca anctgatcan ggacagtgct atanggtggc tgaaagatga   540
aattcctgat gctaacaaaa agcctctggc tcaccggaat ccgacatatt catcaaccca   600
catttacttc tcaatctcnt cnccttactc ttcaactcgt cggagttact cctaaacgtc   650
tcctcc   666

<210> 6884
<211> 341
<212> DNA
<213> Aspergillus oryzae

<400> 6884
gtagtataaa tatctttatt gagtcgattc ctaggtaacg ggactcaagt atacacctcc   60
acagtgcatt tggtggcctt tgggcaacag taatgtgata atggatggcc cctccacttt   120
gttaatgtgc gatgggtgtg aggggggcga gagacatttt aactaactac tagtactcga   180
gagtgtcagt ccgacttgac tttgtttaag tcaccaatgg ccgaagtaag aaatgcaagt   240
tgattgtgct tgctctgact ataatacatt gattggccag atggttggtt tctttgattt   300

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aggatgggag gcctaattgc ctcatcccgt attcaattca ggcaaaagag atagatggga      360
tcgcggcgct atctctagct ctatcgacgt cctcgatgtg ttagaacgct gcgaagctac      420
tatgttctcc tcactgaggg gcagtcagcg gactacacat ttctggcttc gtgctcttat      480
ctactggact ttcgtctcgt cgctcgtctg cgctgaaaca ccattctcac cagtcatggg      540
cggactctac aaggagcttc cttgaagggc ttgatgaggt ccatgttaat atcgctggag      600
gcggcaccgc gggctgggtt cgtggcatct cgaatgaccg a                         641


<210> 6885
<211> 537
<212> DNA
<213> Aspergillus oryzae


<400> 6885
cgaggcggca cgagggaacc tggcgttgaa gacattcact tgtctatttc taatttcctt       60
ttttttttt tttcccttct gtattgaaat gatatctagc cagctctttg ttatccgcat      120
caccgatatc catcccatga cagagcagca gttcattgtt ccctcactct tacatgaggg      180
cgggttgaac attgaataat ttatgccttt tcctttatc tttttttcct tttttttttcc      240
actccagcat tctcatttaa tttcgtgtct ggttaccta tccctcattc aatttcctct      300
ttagcttacg ttttggtttt gaacgctgga tatcccatca tctcttggtg ccctcgtgtg      360
tactatatc actcatattt cctgcctcac gtccgctgga gcaatgagcg acgacagggc      420
cacgggcacg gggaatggca gggtacgtgg actatcatgt ctttttctca tgtgtcatgc      480
cgggtcggtc attgggtcat agtcaaaact aaggattgtg aaatatttgt tcgtatt        537


<210> 6886
<211> 245
<212> DNA
<213> Aspergillus oryzae


<400> 6886
atctttacgg aaacgggggt gtgtgattct aagcgccgtg accactgccg catacgaatg       60
aaaaacatac cgtttggatc tagtaccact ctggtatagg ttcacttctt gagactaggt      120
ataacagtgt gatcctgttg aaccccaaac cattgtgaaa gggataggag aaagagggag      180
tctttgataa tagcaaaata agaggtacca gacctcttgt ggcaacattt ggccatttgc      240
tctgg                                                                  245


<210> 6887
<211> 661
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G


<400> 6887
ctctctggac ttctttcttt ctctttcttc cccccttca tcatttatcg tcatctcctt       60
tgtcttcatt caactttctg attatattcc actgatcata tttaatctct gtccaactct      120
catgtccatc ctctaactcc ttccaccaac atcatgcagc tccgttcgtt ccttctcggg      180
agcgccgccg ttctaagcgc caacgctttc ctagtcgttc cggaagtcga agtagaggcc      240
atcgcctctg aacctgaatt tgccggtctc nacctcttg aatctcactc ttctcagcaa      300
cagaatgtcg atctcctctg cactgagtgc cctttcagag aagtcaccga aaatgggaag      360
gtcagctgga ctgacggttt ccaaaccgct ttgtctctga acttctcgat tgaggatggt      420
acctactgg ccaacggccg tcagatcttt cctaccctc ctcccaccgt catcaccgnt      480
gttcagcgcc gtctatcgga tgaccaggag tcggagccta tcccgttggg atatgccgtc      540
gagatgttgc cgctgccttc tcgacagag gaacctatcg atctggtcgc tggtcgcttc      600
actgtctcg acttggacag ccaccactc ccgtttgaca ccgtatcaat tcagctgctt      660
c                                                                      661


<210> 6888
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- 2443 -

<211> 638
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 6888
ctcgacttcc tcctataaac ggaccaaccg atcccagcag cctcgaatgc aagtttcttc   60
ctcatctgcc gtcaactcta ctcgtgaccg ttcgttcggc tctagggctc agaacatgcg   120
gactaaggag aggccatcgc gtcgtggcgg cgtcgttggc gagagggagg tgacattcac   180
acctcatgtg aagtcgaaac agaacagggc cccggcaccg tctcgggata caagtttcag   240
ggcaaaggag agacgcagtg cttccggcaa cactttccga aagatgtgat tctgcaagat   300
ttgacgaagt ttatgtcagg tagttacgat gcacttccat ttatgaggag ctttccctta   360
caaaggtacg ctgtactacg ggcttcagtt atgcaaacgc tatatcttca aattggggtc   420
tattggacca gactctgatg agagggtttc catgatacct ctagcataaa actcgggttg   480
gcatccaaca tagttgccag tgcaccatat acagggcgtc ctagccattc tccctagcgt   540
gacgtattcg aacagggtac gccatcatag aactccgaat cccacatgga tgccctgngc   600
ttatcatagt ttgagcttcc gggccctcta tatcaaga   638

<210> 6889
<211> 659
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 6889
catgcttgat cttcgtcgtc tggtcttgga gagtggtaaa accatctctc gcaaagctgc   60
ttcgcgtgaa ggttctcgcc gcacttcgcg cacaaactct gcgcaaaatt cccaccaatc   120
ttctcgaaat gcaagcaggc atccgtccga cgaggaggac tctgggaatc ttagtgatga   180
caccgcgttg agcattggct cgctggacga tttgacagat aaccctgagg ttgacagcaa   240
caattgggct caagagctcc gcgatgtcat tcaagaaatc ggggaccgca aacgtagcag   300
cgtacagagc cgcgaagaat gctacgctgc attctgtcgt ctgctgaaat gccactatgt   360
cgaggaacac gttcgaagta gcctcgacga acttttagac gccttttgcc ggagcatcaa   420
acttgaatcc agtgtgcgtg agactacctt ggcattgcga gcgcttgaac tccttgtcat   480
caccgtgttc gaagacacca attatagaaa tgttgaacct atacttactc gaactattcg   540
agactcgaca tccaatcttg ttaaggctgc tgctattcat tgtctaggcg catgcgctat   600
tttcggggggt gcagganaag atgggatcct aaaccaaatg acattcttcc tggacattg   659

<210> 6890
<211> 704
<212> DNA
<213> Aspergillus oryzae

<400> 6890
caccaagcat attccttgga attattcgta cggctgaagc ggcacaatat gacgaacaat   60
atcgacatcc actatgcctc tgagtctgaa tcggccgccc tgggtcatat taatatagcc   120
agttttagac acgggctagt gtgggtaaat gctttgccgg ggatggatcc tgaagtctgt   180
atgccgatga aacatgctcg ctgtcttgag aaactcgcct tccctgatat tcatgtcttc   240
ttgcggtgg ataccaatgt ccatcgggta atggggtatg ccgctggaa aatcccctgg   300
gaggaaaaa aagtcgagtt attcaaaaaa ggccggacca aaggggcaa atgccccaag   360
tttaaaccca aggggaatag aagccacatt ttgggaactg agcttaagt ttatgaaaga   420
gaaaagaggg ggttcacacc acaaaagaca aaatgatggt tggaattact aaccgttttt   480
gccccaattc caaagagaag gggatgggcc cacaattgct ctctggggga aataaaaggt   540

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tgtttcgccg aaatgggcca aaattatttg gagggtatta tgaggggaac cccctcttac    600
ccaaagtccg gtggggccaa aggggccaaa tataaaaccg tttttccctt cccgtgtatc    660
aagccgaatc attttgtaat gaaaaacaag aaccctccga tgat                     704


<210> 6891
<211> 667
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 6891
gattactccc agcggcatct ttgtgtaatc ccatcactca gctcctcata cagactgtat     60
tgtccctcga tcggcattcg tatacacact tgagctcttc tatctgcact acctgtcgtc    120
ttcaccacat gttgctacga cctaaggagc agcattgcat tccaactccc agatactcct    180
tgatgttgtc actgatgccg tatccagctt cgaccgatcc aacatactaa cacaagctca    240
tcgcatgatg tctactcatg ttagcgctga aagtgccagt ggcctggctt tagactcaac    300
gactccagcg cttactgttc acgcaacacg cggtttcatt cagtgaaact gtttcaacag    360
tgttcgatac ttgagtcatg cgatctctga tcctagtcac agtcctcaac ataggtcatg    420
tgcagaagtt tcctcatcat acttattctg ctgtccgtgc taatgttcag tatcttacca    480
agctagttgc atctgactct gtgatgacat cctcgacttc atccacatgt tgctcatgat    540
gtgcatgatg gaggaaatac gcgtcnattg tgcagttcaa tttgtggatg tgcaatatcg    600
gttctgctgc tagactacac tcatctttcc cgaacacgat ccgtttgtac tgtgactcga    660
ttatttt                                                              667


<210> 6892
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 6892
gaggtcttca ggccagtgga cttcagggag tatcttgaga ccgtcgttcg aggcacagcg     60
aatggtgtat acaccgaccg tatggtttcg aaagttcatc agcgggcatt cccacgcaca    120
gagtcgaccg attcgttgta tactcggata ttcccaagaa ctgagtccag cgactcgcta    180
tacatgcggt aggcgcctgt atgatcagtt tgaccttagg caacggatgt ttattttcct    240
cacttttgc gatatgggtt tagactggcg tttatgtttg tttgcgttag gggaaagcag    300
acgataggac aggctattag aacaccactc cgccttgtat acgggttcat gagaatggta    360
aaacacatgg tatatttaaa aaaacaaaac ttctagaact ttctatgact tgtaagctct    420
ttttttttggg cttcattaaa tggggataaa aaaaaattcc ctggggggcgt taaaaaatct   480
ttttaaaggg gcctataccg ggtaactctt ttgggacccc ctttaatttt aaacccccttc   540
ccccaaaatt ggttttaacc caaaaaggag tggtttttac cacccccgaa ccttgagggc    600
cccttttgtta tttttttaaa actttttttg ggtcttaata agagtttttt atatggtgga    660
aaatcttggt tattaatgtt gtgccon                                        687


<210> 6893
<211> 657
<212> DNA
<213> Aspergillus oryzae

<400> 6893
cgaggccgtg agcaacggaa ctggcgccac agaaagacag ctgcctatcg acgagctcga     60
gcggtaccta tcccaagctc tagatattga ccaccgactc gagagccgat tctcggaatg    120
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ctcaccagag tggcagttca ctgtcatgca gctcactagc ccggaccccta cccgggttca       180
tggtgacgct taccatagct atcacgatgc tggaatcgtc ggagtttgga acgatatgcg       240
tacatgtcgc gtcttggcca accacgccat ctgccatctt ctcctaaggg gagccaagtc       300
ggaccccagt tggttcttct ccaaaaatta caccgatcaa ctacaggaaa ccagtcgaac       360
aatgaggcaa attcgcgatg acattctggc ctctgtaccc cagcagatga gctacttccc       420
cttccccgcc caggcgcagt tggagccagt gaacctggag cagtatttca atcaaatgac       480
ggtaccgggc accaagtggt ctgatgattc gtgggcaact ttcaacagct cacctggctt       540
cgagcactct acgtatacag gcgcaagagt tggtgcggat ttccccagct gggtgctctt       600
gctggccggt gtttgcacac caactcagag gacccgcgaa catggataga gcgccct         657


<210> 6894
<211> 1047
<212> DNA
<213> Aspergillus oryzae


<400> 6894
gatggcagga aaagaggttc aaccagaaaa aagtcccatc taccgttcct tgggtcagtt        60
tgacctaggt atacgatttt cgtccttccc gtacacaggc cctgtgtccg gtccggttgc       120
agttccttcc cctcgtactc tcgtcgccct tccgtcgcat cccgttgcgc ccactggtac       180
acgtcactcc tgcgcaaagc gaaccttcaa agataccgca tcatccattt tcagacgatc       240
tcgcccaaac tttttttctt tctgatttct ctgttatcct ttcgtctcgt tcgcttgcat       300
ctagcttccc atacaaaccg tagctatgca tcgcacctat tccatgcgcc aatcgcgcat       360
gcccaccgca tcgcagattg agaatccgcc tccgccgttg tccacgacca agacaaaccg       420
atggattggg aaaggcggct tcggccatgc cttccgtaag aatgccgccg gcgcattcgg       480
acccgatctt gcaaggaagc tctcccagct cgttaagatg gagaagaatg tcatgcgcag       540
catggaaatg gtagccaagg agcgtatgga gaccgctcaa caactgtcca tctggggtga       600
gaactgtgac gaagatgtgt ccgacatcac ggacaagatc ggcgtgttgc tctatgaaat       660
cggagagttg gaagacctct atgtcgaccg ttatgatcag taccgtgtca ccatcaagag       720
cattcgcaac attgaagctt ccgttcagcc cagccgagac cgcaaacaga agatcaccga       780
tgagatcgcc aagctcaagt acaaggaccc aaactctcct cggatcgtgg ttctcgagca       840
agagctggtt cgcgcagaag ccgagtccct cgtagccgag gctcagcttt ccaacatcac       900
tcgcgagaag ctcaaggcag ctttccagta ccagttcgat gcactccgtg agcactgcga       960
gaaggtggcc atcattcgtt gctacggcaa gcaccctctt ggatctcatc gacgatactc      1020
cagtcaccct tggtgaaaac tccgcct                                          1047


<210> 6895
<211> 1212
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(1212)
<223> n = A,T,C or G


<400> 6895
gggtgccctc aaatatcacc ctgacaagaa cgcaaacaac cccgatgctg ctgaaaagtt        60
caaggagctc tcccgtgcct atgaaattct ctccgactcc cagaagcgtt ctatttacga       120
ccagctcggt gaggagggtc tcgaaaatgg tggaggcgcc ggtggaatgg gtgctgagga       180
tctctttgcc cagttcttcg gtggcggcgg tggctttgga ggtatgtttg gtggtggcat       240
gcgggagcag ggcccaagaa aggccgcac catccatcaa gttcacaagg tcaacctgga       300
ggacatctac cgtggaaagg tttcgaagtt ggccctgcag aagtctgtca tttgccctgg       360
ctgtgatggc cgtggtggta aggaaggtgc cgtcaagtcg tgtggcggct gcaatggtac       420
cggtatgaag actatgatgc gccagatggg acctatgatc cagcggttcc agactgtttg       480
cccagactgc agtggtgagg gtgagaccat cgggagcgc gatcgctgca agcgctgcaa       540
cggtaaagaa gaccgttgtt gagcgcaagg tcctccacgt ccatgtcgac aagggtgtca       600
ggaacggcca caagatcgag ttcgtggggg agggtgacca gatgctggc gtcctacccg       660
gagatgtggt cttcgagatt gaacagaagc ctcaccccg gttccagcgt aaggaagatg       720
acctcttcta tcacgctgaa atcgatcttc tcacagctct gctggcggt accatcaaca       780
ttgagcacct cgatgaccgc tggttgactg tgaacatcgc acctggcgag gttgttactc       840
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ctggcgctat caaggtgatc aagggccagg gtatgccgtc attccgccac catgacttcg      900
gcaacctcta tattcagttt gacgtcaagt tccccgagaa ggatcagctc aacaacctca      960
accttttgga acaggttctg cccccccgga tggagcagcc tcaaccacct accgattcta     1020
tggtggagga cttcgagctg gaggacattg actctagcga gtactcccag gcacgcgccc     1080
atggtgctgc cggttccatg gatgaagatg atgacgacgt tccttcctgt gctgagagag     1140
tgcaatgcgc ctctcattan aaccgngggc tttctgtggt tgataaaggt gcagggctag     1200
ggcattactg ag                                                         1212

<210> 6896
<211> 659
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 6896
cgctgccaga gaagaagtac ccggtcgtcg tggttacccc ggttacatgt acactgattt       60
gtccactatc tacgagcgtg ctggacgtgt agagggtcgt aacgggtcta tcactcagat      120
tcctattctg actatgccta acgatgacat cacccaccct attcccgact tgacaggtta      180
cattactgag ggccagatct tcattgatcg tcagctgtac aacaagggtg tctacccccc      240
aattaatgtc cttccatctc tgtcgcgtct gatgaagtct gccattggtg agggtcgtac      300
ccgtaaggac cactctgatg tgtccaacca gctgtacgcc aagtacgcta ttggacgtga      360
tgccgccgcc atgaaggcag tcgtcggtga ggaagccctg tcctccgaag acaagctgtc      420
tctcgaattc ttggagaagt tcgagaagac cttcattagc cagtcgccct acgaatcgcg      480
cagtatctac gactccctag acatcgcctg gaacctgctc cgcatttacc ccaaggacct      540
cctcaaccgt atcnccaagc gcgtcctgga cgaattttac gcccgctctt cccgtaagat      600
cccaacaagg atacangga caacagcgtt tctgaacaaa ctcagtcgtc gactggtga       659

<210> 6897
<211> 746
<212> DNA
<213> Aspergillus oryzae

<400> 6897
gtgggatgac gaccttgata cgaactcggc acgagggcga ggtctaccga cagcatctac       60
gctggaaaat gaacttgagc cgcgttaggc ctttctatgc ggtcaagtgc aacccggacc      120
cggagattct ccgcctgatg gccaagcttg gtaacggctt cgactgtgcg tcgaaggccg      180
agatcgacat ggctcttgac accggcattg accccagccg cattatctac gcgcagccct      240
gcaagaccaa gtcctacctg cgctacgccg cgcagatggg cgtgaagcag atgaccttcg      300
acaatgccga cgaactgtac aagatcaagg cctgcttccc cgatgcggag ctctatttgc      360
gcattctgac cgacgactcc accagcctgt gccgcctgag catgaagttc ggcgcgtctt      420
tggacattgc ccgccaactt ctggagttgg cccacgagct cgagctgaag gtcgttggcg      480
tcagcttcca cgtcggctcg ggcgcggaag acccgactgc ttttgtcaag gcggtccagg      540
atgctcggat ggtgtttgac caggctgctg aaattggtca cgaactgcac accttggatg      600
tcggcggcgg ctttagcgga gacacatttg aaaagtttgc tggtgtcctg agtgaggcat      660
tggacacgta tttcccgcct catattcgtg ttatcgcgga gcccggtcgc tactacgtcg      720
cgaacgcctt tcaccctgcc gcaatg                                          746

<210> 6898
<211> 685
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G
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<400> 6898

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aaatgaagat accccgccaa agaaaggata ctgaacacga aaggaagaca ggggaaaaag    120
gtagaaaaga gagggcccgt cattcagcga cgatatccga aaatgccaag aaggaaaacg    180
aaaaggaaca taacccgtga acatacctgg catggtgctt gaaggcgacg ttattctaat    240
gcgatatcga aactggttta caacggatgt cgaagcagag gatgttaaag aaaagagtcg    300
tctaagaaga agaaagggat cttgttgggg aagaagaatg ttgttctgtc ttggcagatg    360
gtgccgcgga aaagcaacgc aaaagaaggc gactttataa cgcccggtga gcggcacaaa    420
tcgggaaata cggcaaagcc tgtgggcaga tccaatcccc cctttcacgt ctatctatcg    480
acgttgcgtg attgcacgag tgatttatct cgcttttccc catttgagat atcttctacc    540
aactcttggg ggtaactctc gcaccgacag gaaacttctt ttgtcccctg aagcaatttc    600
ccacgntgat cgaagatgtg gggtgtgacc tgaactgatc gggtatacaa agcacccact    660
ggattccatg aacataatcg atgtn                                         685
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<210> 6899
<211> 671
<212> DNA
<213> Aspergillus oryzae

<400> 6899

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cggcacgagg caaccgtgtt tatagcaacc taggagccaa gatgggaaag cgggtacgcc     60
atttcgtcgg ggtggagagc tctgagcagc tcgctttcat cgatgagctt caagccgctg    120
gactcaacaa cacaatcaat ctttccgaac ttgtcgtcgg tcgggaacca aaataccgga    180
aggaagcttg cctttcagc tatcaaccga ggtttctttc caagttaagg acactttgtg    240
cacttcgttt ccgattcaaa tacttgtttc gaccgacttc cgcggccaag gaccttcccg    300
taaaggttac attggtcccg gttccattgt ctgaggaaaa caatgacctt tttccccggt    360
tgaaggattc ctttatcgaa aaaagggatc tgacttcgaa ggtcatgggg gagattatat    420
ataacgcacc gaagtgtatt ttcggagacc aaaagtcccc caaacattag actctcagag    480
acgagacttt tcaaatagag ctctcgggcc atgaagaagt gctctggact attgctgacc    540
tgcccggtat aatacgccga aagatatcga ccgggggagt agatggatag aatgacgccc    600
gtagtggagt aaatgaatag cctgatgtgc agtaaaacgc agtagtcgca gaagaactgg    660
cttcttccta a                                                        671
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<210> 6900
<211> 651
<212> DNA
<213> Aspergillus oryzae

<400> 6900

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aggaattttt tttttttttt tttcaacatg aacaattccc ttgatggtat taacagaagg     60
agaaaaggaa tcaatcgtta ataggcacaa ctatcgtaac ccgtgaacca agaagtatgt    120
aaaactagag actccagacc tctgatatga tcatatccag cacaacgcaa atgcgcctca    180
tccgaaaatt ttctttcaat agccagccgt ccagccggca acttactgta cgccggtaag    240
gggaaacaaa gcacgcatga tttgatcatc ggtgtacatg ctttccaagc cgagaccagt    300
aatgagttta taaccgaact gtgcctcccc gttcgccttg tatgatacca aagaccgaag    360
agaaaaagga agaataaagc atgaagagac agatacctca caaatacata tcgttggata    420
atgttgatcc caaaatgaaa gtagatggta catataccag agcgtatgtg actcaatttt    480
gcgagtatga tagtgcccag atgccttgct cgtcatgacg tcagttgcaa tggtgtatca    540
tagtagatat gggtatcaaa aactgcagca cgcgattgtg cattatagtc agatggcaaa    600
gatttttaatt tgacgcgacc catgatatcc tccacggctt tttgggttac a            651
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<210> 6901
<211> 663
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(663)

- 2448 -

<400> 6901

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aacacttgac ccatgatacc ctatatgatg agtacctggc aggcgatgct gaatcagatc    60
ggcacttctc cttctgctca caaggagtga tccaacccat ggaacaacct gtctcacccc   120
ggagtagttt ctctccgatc agcaaatgca actctgaaga gagcctaatc ttatcccgtg   180
cggcatcaat tgtccgcaag caccgttctt ccgtctcgac cactagtgtt ccggagcttg   240
tgcacagctt ggcaaatagc cgagagttgt ccacggtaga ccaagccacc tcaggcgatc   300
actctctacc ctccgggcct ggacaaccgg agccgtctta tcatcgtcaa acgaaaagcc   360
tggcaagaga tatcgagact cangttgctt ttcgagctga tggcagtttg attcttgaat   420
ctgctgggct catgccaaat tcgggtcctg ctatccatga tcgggcagaa cctcatctga   480
agtagaggcg accaaggctg aactccctat cagaggaaca catncgcgaa agggcagaca   540
tcgtactcgc tctttcgctc ccgcaacttc cactacgtgc ttgagtgcac cattttatcc   600
tgaancgtaa ctggaataan ggtctttctt tatcttgtcc cttacactta tataaatacc   660
gan                                                                663
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<210> 6902
<211> 660
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 6902

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atggtctcgg aaaggaaaat gcgcctgatt gatcccttct ttggacacgc cgcggcgatt   120
gcagccacag tacatcttta ttattgttgc gcagcggatc cacgactgaa gcaaaaatca   180
aaaatcgagt acatgaacta tattcgtgtg cacatccgtg gtgatcgctt tctctgcaga   240
ctgcaaagct tatgacgata ctctgtgcat gatgacacgg attgcatgcg gctcggaaaa   300
tgtgaactac gactggatgc cgtccaagat ccacctgagt atcncgttga tgtgggacct   360
tctccaaatc aactgtatgc cggagcctcg ggagatgtct ggtggcttat tgcatcccac   420
gctgataccc gccatttcac gagacgatac cggggaaagc tcctgtacgc tagaagtcat   480
tgtggccatg tcacctgaag tcactgtcaa tacggcagat ggcggacagg ccgcccatat   540
gcaaccgagc gtgaccaaca tgtcctcggt gcaatcttca accgaacagc ctcgcgttcg   600
ctgacaagtt tggtcgcgcc ggctgacagt ctcatgatga atacccggtg gctctgaagg   660
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<210> 6903
<211> 658
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 6903

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tgtgaaaacg gcaaccgccg gcctcccaac aattaacggc cctggccttg gccttggaac   120
caagagaacc gtcaaggaaa acgggtccgc ggcggtgttg ttaagaaaaa ggaaggaatc   180
tcttggtggt tgaaggaaag aacatttgga atcaggtcac acgtcacagg acctcagtga   240
cgtatatggc gctttggaac acgctgccgc cgctggtggt ggaaagagaa tatggcacga   300
tagggataa tatctggccg agaacggaca ttttgtctgg cgcgatctcc agcgtgatgt   360
ggatagactc gcctatgaga agatgttgct ccatctcctg atgttgcatc actgacagat   420
gcacacgtct cggagctgaa tgattttgtg ctgtattctt ggagaagcat ctctagacgg   480
catgctcttc gtaacaagat agtgtttggg tcggcgacga gcactgctac tctgaacgat   540
ctactcatga catcgtcgtc ttgaggctac gaactgtgtt tgctgataag ctggatggag   600
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catgactgta gtgctactag cgtataatga tgaaattcct tctaaacact ccctgagg            658

<210> 6904
<211> 665
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 6904
cttcctctgg gcaagtgacg ccgaagcccg tgagaaactc gctgttatgt ccaactcaag            60
gacagagccg cagagcatgc ctcaaacccc caccaggact ttgcgtcatg gaggaacagg           120
acccctcacc ccacagaccg atcgcccgtt tcgaaatacc cctgagtccg ggtcgaagaa           180
ctttcagacc ccttcgaaaa gtgcaaaggc gcgcatgatg actgaggact ccgatgagtt           240
cgaatgggat gatatcattc cagacgaagc cactacagcg cagcataagc ctcgccaacc           300
cgactttgga caagttgctg gtggctcgga taccgcccca cggaagacgc cgcggacggt           360
ttatctaacc tcacccagta aacgggagct gtctgatatg gagagcgcat cgtcnctcac           420
gcctacgtca gtgttttccc cgcggtcgac tgcgtgtcgg ctccctccgg cgtccgctga           480
gatctcgant actcctactc cgagcaaata ttagaatgcg ctgtctactg attctgcggc           540
ggatacgtcg gagttatcac ttcagggctt gagggatctg gagagcacaa tgcggtcgtg           600
gcaaggaggc tcanganggg ctcacagagt tacttgaacg acatgacatg aaaaccagag           660
gcatn                                                                       665

<210> 6905
<211> 665
<212> DNA
<213> Aspergillus oryzae

<400> 6905
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atgaacattt gtacctccct ggcatatctc tcgccgccgc cataactcta ttgaccccta           120
cattgccttc actattgtgc aacggccaac aggcaacatt acgacgcgcg ttgccccttc           180
tttaagcgcc ttcgatcgcc cgttcgactg taccgtgcta gacacagctt tcggagatag           240
accaaatcaa aagaaaactc gtctcttttt ctgttcactt ttccgatcaa cggccatagg           300
agcgatcttg aacaagagtt gcgccaactc ttgctaggtc ctttcgcctc catggtctta           360
tagagacgaa gtccatgccg cacgttccca tcagtttgtg agatatccca caaaccgatc           420
gtttcaacct atctgaaaca cgctggaatc gcatccctcg gtggtcctca tgccccgctc           480
acggaaaccc gctcggttct cgagcgaagc tccttccgag tcgtcatcct cgacatcccc           540
ggaccggaac gttgatgatg acaccgactt cttcacagcc caagcaaatg attcgcaatc           600
atctggtggt ggattgcgac ctcccgtgac ggacacccccc aaaatgaact ttatgggctt           660
ccccg                                                                       665

<210> 6906
<211> 669
<212> DNA
<213> Aspergillus oryzae

<400> 6906
ctcgagtacc tctacaaggg cgattattac cccagctgg tgcacaacaa gcaattaaat            60
tcctgggaat tggaagatac gggaaccgat aaggatggcc agagtaatgg ggcgactttg           120
ttttatcatg ctgctggagc ggagatactg agggatacgg ctgtttactg cgcggcagat           180
aaatacgggc tagatctcct caaacgccta gccctccgga acaaggcct acactccggc           240
atccatgta gtaccatcct taccagcgca cgctacgcct acagtaatac ccccgagaac           300
gagtcgaagc tccgggcgca ttatcttgcc ttgatcatc ggagtcggtc gacgtttaag           360
cggagcggta cgatgcagat ggagatggaa caaggaggga aattgttttt tgatctttttt         420
gtagcgatgt gtaatcatat ggatgatctt acgtctaagg ctgagccttc tccaggttat         480
tgatatccac tggtttgggg tcttcgtgcg acttggttat ccgatatata atgtatgatg         540
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- 2450 -

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ggatgttatg cgggtggtat ttttgttgaa atggccgttc ttttcagcct gctacttgta      600
tttctagggc tctttggtaa gagtcgatgc aggccatctt tgacctacgc ctaacaacga      660
ttgttcacc                                                               669


<210> 6907
<211> 1154
<212> DNA
<213> Aspergillus oryzae


<400> 6907
cattacgact ttataacgtt cccctcccaa aagttctgat atttcctcct tgcttgcttg       60
ctttctcgtc aatcccgggt gtcgcagaag aaaaagaaaa ccatcggaag gaccgtcctc      120
gtcgctcgct taggtggata gaaaatggga caaaggcata acagacgtcg cacacgccca      180
cgatctcgaa accgcagcgc taatcactct cccattgagc tgcctccata taacgtcaac      240
tacactcgca gtccagcttt tctaaaaacg acccctgccg cctgcgattc actcgactcc      300
atctcaatac ccttcgcccc gacctggcat tatgggtata caacatggca gaagcgtgac      360
cgcacgttgc ggctagaggc cttacggctg gaggctgagc aatgtcgtct ttttggtggt      420
gaaccgggag atgacgtcgg actttgctat cgtatgctcg aatacttcgg tggacttgat      480
tatatcgact cctcacagag tccgagacta ctacctgggt gaagggcaac tcaagatcaa      540
aagccttacc gccatcagcg cccatatcac catatttgga atgttggaat caaatgaaaa      600
ttctccacat ccagagccga tatccggaca gactatcctg caagaaaaga aaaaccctct      660
tgatagcagg aaatcaccaa catgaaaata gtcgggatca ccagttccgt gggaaaacca      720
agtttacgac ttgtagcaat gaagatatct cttcctgcgc acggcaggaa gggtattgga      780
ttggtccctt acgacttggc cacgagttcc tggtccagaa gatgactacg tctgtcacgt      840
cgagaaccga gggttcttct gatcggtggg ttgagttcgc atctgaccgt gtgttgatgc      900
ttgaaatccc cactgagcag gagggctcct gaagtatctc cgccgcattc tttgtcagat      960
tccctgcccc gactgttaca cgatccacca tgctgttcga aaccaacgat atagagagga     1020
gaacatcact gagataagac gtttcctcca tatccaatcg tccgttccat aaaacccgaa     1080
atttgggttc gtccatggaa aaaaagaaaa tgaagctcaa aaccctcgta tgacttcatg     1140
agctgatttt tgtg                                                       1154


<210> 6908
<211> 694
<212> DNA
<213> Aspergillus oryzae


<400> 6908
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tcgtgaatgc cctcagctcg cccgaatcct cctcatcttt atatcgaagc ctccttcaca      120
gatgttgatg gttggagaca ctaatggaca agggggtgct tctccaaaga tgtattatct      180
tctgctgaaa ggtgaatgtg ctcgaatgca tcacaaaagc tgtcgttgga actgcaagca      240
ctgttggggt catgatccac tgcgccgaag tttgcattga tacgtaaagg aaacaagag      300
agaatgccag actttaaaat gctatcctgc ttgtcctctt ggcttggcac gtggtttatt      360
acgcctagaa ggtcgtcaaa agccatagct agatcatcgg tcagatcagg gcgctgccgt      420
agacgattcc caaaatcccc aagcgtgtat tgtttgtcat gtttcgtctt gaaatggtcc      480
gtcgctgcca aaatacgaac cgtctcaaga tcagcataca atgctgctat ctgaagaaga      540
tggggtccct tgaggcgcgg gcaagtagag tattcatgcc accgatcaaa gatcagtcgc      600
aatacgttat ggctgttata agtgatcgca gtagtcaagg gagttgatcc gtcggcagag      660
atggcattga tatctgctcc ataatccagt aaca                                  694


<210> 6909
<211> 725
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G
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- 2451

<400> 6909

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cgaggggatg ctttggaagc agagagtcat gagcccgagg accttgaaga attcgagata    60
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ggccttccgc agaagatgcc gaggtttact ttcgaattct cttatttttg agagcatctg   180
tggtgacctg aactctcttc ttctcattta tgatttacgc ccggatcgca aaatttcgtt   240
gatgcctttc ataatcagct atactggcgc ccaaaagttc tcatctcatc atcttggact   300
acgacccgat atggataaca gtacattctt cttttttaac ttttctttca cccaaacttg   360
tattgatagt tagcgaaggt acctatgtct tggtatgaga tactgtgatt gatgttcatg   420
attttgattg gaggttagat atctaagttt ggattgttat cgatatccac gacgctttga   480
ctactggcnn nnnannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnttttc   600
cggggggccgt ggccgctgcc tttaaggggc cccaattggc ccttagaggg gggtgtttaa   660
aaattaatgg ggcgggcgtt taaaaaccct gggagagggg aaaacccttg ggtgtacccc   720
aattt                                                                725
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<210> 6910
<211> 644
<212> DNA
<213> Aspergillus oryzae

<400> 6910

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gccttgaaga gcgttttata catttcctta tctgtggtac ccaacttctt ttcagatgat    60
aatatagtta tcacccaacg atcaggtgta ttatttattt gttactgcct ccgcctcgtg   120
ctcttcgcaa gcttctttcc aacacttggg tttcctggcc atgtcacatt gattttttag   180
tcgacctatg tctatttatg gcctgtgcga cgtcagccag acgaattcca aagggctttc   240
ctgctgtgac tatatcacaa tataggttca agcgtcctct gtcctgtgag ctgcgacgcc   300
gacatacgta acagctagta aagggcagtc tctaaaaaaa caaaccagcc gttgatatac   360
cctgataaca aaccccaaac ccctctttat gagcgatttt ggggacccccc gctgtctccg   420
gaaatagttc attacaacaa gagtctggaa cgtcaagaat caggttctcc ccaagaatct   480
agaacttcag ggaggataac tttggccaag ttaccccact ggcaccgaat tcggttttat   540
tcacgaagcg gctttcggaa aaaacaacca atttgttggg tgaatcaaag ggcggaaccc   600
gggaactcgc gtggggggctt tttttgttgg ggggg tacaa aggt                  644
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<210> 6911
<211> 699
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

<400> 6911

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tatcccggcg ccaatggggc caccaccatc ttcgccgact cgatttgctc gaacacaacc   180
ctctcgacaa catgttacgc agcacgcgcc ggcacgtaca accagagtga atcaaccacg   240
gcggtggcct tgaaccgaag cgcatgggag acctcttatt ggagcgtaca aggaggaagt   300
atacagggtt tcgttggtga tcaggtcgag gttggctctg ttatcccaaa tgtcagcttc   360
nngactgttt atcaaacata tcaaacctat cccaatggca agagttatcc ggtccccgtt   420
ggaaatttgg ccttgggtgg actgcaatta aaagatgtgg cctcaggact aagtctgaac   480
acgatcgcag cgtggctata cacctncgga ggagacagca gcattccatc ttactcttac   540
ggacttgaca tcgggtctgt agagccagct atttcaagga tctctggtgc tgggccggga   600
ttgataaaag tcgagtcctt gctgaagtga attcacagtc agaaagcctg gcgtcttaat   660
ctaatgggat atgggcaaat gtattgaagg atttccgct                          699
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<210> 6912
<211> 668
<212> DNA

<213> Aspergillus oryzae

<400> 6912
ttacccgaaa gtgcgaacac ggaacgaaag atcttcgcag aatgggcatc ttcagttccg   60
ttcgagaaaa aagcggatga ttttcaaatt cacaattcaa aagagttaga caccaagata   120
gttcccttct taaggtcact caaccttctt gacaaggggt attcattggt acagaacggg   180
aacacggcct taatgatgtc gcagataaca tcgaacaggc cacatttgtt tgaggacgac   240
ttacccgaaa gtgcgaacac ggaacgaaag atcttcgcag aatgggcatc ttcagttccg   300
ttcgagaaaa aagcggatga ttttcaaatt cacaattcaa aagagttaga caccaagata   360
gttcccttct taaggtcact caaccttctt gacaaggggt attcattggt acagataccg   420
gggccgaaat atgcgccatt ccaccacagc aaaggcgatg cgtttatcat tccaatcgag   480
atacttggca atagccccag cgcctcggga aagcccctcc aagaaggaaa gcgactatat   540
atgaaggtaa accaagaagt aaagatcgaa ccaaagttgc gcctactttt catcttgctc   600
tagcggacag attgtacgaa ttattatgcg ggaatagtgg ggaatggaga accctcatgt   660
ggggtagg   668

<210> 6913
<211> 702
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

<400> 6913
catcaccatt gaatctccgg aaaagcaccg acattgaacc gcctgaatat aaactgagtg   60
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gcaggtaccc aggttccaat agatcctcga accatcgcga cctcgtcgat gagaatgagc   180
cgttctcaat atcccgcgaa tccttcgatt cgtatcgtcg gtcgttcgat atatctgccc   240
gatcacctat aaatcatagc gacgcaatgc cctctcgcac ctcgcttgat tcgcgtttct   300
cacgtctatc atcgccctac gtaagaggcc tcgaaaagca acccacatcg atggaagaag   360
aacaattcga ggatgttgga ctcgacgatg acaacgaagc caagccgaaa aagaagggct   420
tattctcgcg actcggcgac tttacgaatg acagccagac gtcaaacaac tccaaactgg   480
gcttttacat cccgggcaga aaacgaggac agagcaatgt agggtctgaa ctgggatcta   540
tgaagtctcc cccaacttta gaggcggagt tacgtgatgc gtgagggcct tgcaaccatg   600
atatatttgg gtaatgaatg gggtaagcgt tcgggggggg tgataagggt ttttcccga   660
tcgacgactt atatatgcgc ctttgacctg gattcttggc cn   702

<210> 6914
<211> 658
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 6914
ccgagcgcg ccggccgaac tgagcagcgt tcgggtttgt tctgcataga cctcacaacc   60
gttctgattc gattcgcatg tcgttccccc gaccaaccat gtaagtacat tcgaggtgtt   120
ctgctcggac atatgaactt gagctggact gaggtgtttt tgttcatcta tgtttgttga   180
tttttctttt ctactttttct actgtgttct ggtgttatcg tttcgtgtct tttgtcctcc   240
atctctgctc gaattgtgtg aaaaaaggta gccatctgtt tcttcatacg tgtcgcggct   300
gggttgcccg gcggacgttg gcaagggctc ctacgcctcc tacagcgttg gagagctgg   360
tcggtgagct tctgctgatg tgcgtttggg tgtgcccctg gtcagccccc catgatgtgt   420
tatacgtcgg ntgtcttgct tgtgtctatt tggctgcatt gngtctcatt tncttttctc   480
tggcgggggt ttattgcang tnctggactg ggagcgnagc actcgtgctc tcgccaggct   540

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tgatggagaa acatttgggt ggaatacgga aaacgccagg gaatcacaat tgattataat        600
tcgaccgatt taatctcgaa ccaaaaggtt ttggcggatt aaaagaatta aattccan          658


<210> 6915
<211> 674
<212> DNA
<213> Aspergillus oryzae


<400> 6915
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ccaatgcaat ctaagcctca tccagcaccg tcactcaaac cagcatcgtc gccttcaacc        120
cagccgaatt cttcgtcgga atcttcatcc tggctatccg caatctcatc gactttgcgt        180
ttccgttggc tagctgatag gctcgtttca attggcactt gaggcaggat tagtggtggt        240
ggggtcttgt ctatcccacg tagaccgtcc tattcattaa tgtgagtcat ctgcgagtgc        300
tgtacgagaa atattcaagc ctaccgtctc aatcttgaat ggtacgatat tctcgtccaa        360
tctcaaagat aaagttttcc ctgctctctt cattacctcc gcgaaatgaa cacccttgga        420
atccccctca tcctcaggca gaaagtcccg aaagatggca attctcacat ggacactgtt        480
ctccatgtt ccgcccgcga gaaccggaca cagagttgcc cgcggctggc ctctgattcg         540
ggtatgcgtc tggttgacta gaaatataac taaaccatgt gtagctgcta gtttcacgaa        600
ttggttgcca aagtcgcttg tgacttccat ttgcggttca tgagccattg aatctgcatc        660
ttgtccgtga ttcc                                                        674


<210> 6916
<211> 1087
<212> DNA
<213> Aspergillus oryzae


<400> 6916
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tccgccagtc tgtctttcgt tctgtttta gtacctttct tctttgggca atcgcctctc         120
tttcattctg accgtgtcct tcgttccata gaacatcttg cagaaagcgt ccgctccctt        180
gtctttgcg ataccgattt ttagtcctct gcttgcttcg atcctgcggc agatagtgat         240
cgatcagcgc actttgcatc tcatttcgat tcgacctaat tgactacgaa ttttcttcat        300
tccgatatcc ccagctttgc aatcatggag tgtttccggc agattggtcg actggttaag        360
gccccattcc agcgtgactc gcatcacaag gcattggaaa tcgggccccc aaccaacttc        420
cgcaaggagg aaatgccgac tttcttccca gatgacgatg ctcaaacatt acatagccac        480
agctcttccc tagagaagga ttcaatgatc aagaccttgg agcgtgaacc ctcagctcgt        540
caacgaatca agaacaacgt ccgaagactg agtgtcagag tagcccggca gtctcagaac        600
acgaagactg aggctgtttg ctcaaagccg gcacgggaat gcctggcttg ctgaacctca        660
ggagttgcgc caccagaatg gaatcaatgg gcgccggatt ggctgtaaaa tcatctcgct        720
taaaccatct gcggattcaa agcaggaaag ttggaacttc gttgagcgc gatttcttcg         780
actgcggatt gttcccacgg ggtggagttt cccgtcgggt tttcctaata gacggtgaag        840
aacctcgacc ctgtacttgt acgtctgaat tttgtagctc tggcagctca acaaaatcat        900
catcaaaaag caatctcctt ttggattggg tagcggttgg tgtcttgtat ctagcattga        960
tagactgcat tttcctcccc cggtcctttg taggggtcaa agggctatgc cgagaattcg       1020
acgacatcga atcagaacta atgagacgag ctttctgagt gggaaaaaaa aaaaaaaaaa       1080
aattcct                                                               1087


<210> 6917
<211> 694
<212> DNA
<213> Aspergillus oryzae


<400> 6917
ctcaatggac atcgactcat gtttcggtca taagaacaaa caaacccgag aggatacttt         60
ggtagcttgt gtcaaatgtc tcttgcaatg tatcaatcta acatgcgccg catcagctga        120
agctaccaat aattctatgt cagacataaa gcgacttcg cacgaaacat tggatagtgg         180
aggcagaaat gtgcagatca cgctgtacga gcaactccgc atgttcttca gtagagtaac        240
aacaggggct ttagaatcac acgacgagga acctaagctg cgcaaagtac aaaagtcttt        300
ggcggccctg gcaggtgaga tgttgtctcg ccagatagat gtgactgcag aagcaatccg        360
```

                                   - 2454 -

```
aagagaacgt gcgcaggccg caatgtcata cattatgctc tgcagacaac ttgatattgg    420
gcttgcatc gatggggaac tctgcgagtt actgaaatcc tggaggaagg gcgaaagatc    480
cgggccggtg cagcaagcac tagaccaagc cctagcgaga ctcatgcaat gaggcacgag    540
ttgtccacgt cgcaacgagc atgggtagca gctaaggtct acccgaagca ttcgaaaagg    600
ctacgacatt attcaactag taagccgtag cctattaaaa ggaccttaag tgaacgatag    660
ccttcgtttc atgaagatta aatgccctaa aaaa                                694


<210> 6918
<211> 526
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G


<400> 6918
ttgctaattc ctggaaaacc tcaagcgttc ttaattccac tgcagtctat tctgtcttct     60
aaaaatccgc atcacatcca tcgtaaaaac aaaacagtca aaatgggcgc ttcttccatc    120
tcatctccgg tgaacttcat ccttccgtcc tccagctccg gatcctccat caagaaaccc    180
atcaaatccg tccaaaaacc atgtttcggc tgtgactgtg gtgatgaaga gtgcgattgc    240
tgcatctgca ctgtgatgta atggatgtga tgatggccaa gttcgatcgg ttgacgccaa    300
tatagtccgg gggtaacggt tgattcaaat atatgtgtgt cttgatgata taatgcttga    360
tgcggatctg ggagggttat ggccacaggc gggaggattc ttgccgcttt tctgagcgat    420
gattggtgat tggtactgct atngatatcc atttgactat tctctcttta tcagtcttga    480
accggagtct gagaaaaggt gtgggctttc gccctctctc ttggtc                   526


<210> 6919
<211> 676
<212> DNA
<213> Aspergillus oryzae


<400> 6919
ctggtagagc aacactcctt gtcaaaaatg attaacatgg ttcctcgaca tccttatgag     60
ttttcggaga gttactatgc ggtgcacgag ctattactgg aagaagccaa gcatgagcat    120
ttagtgactt taggcttacc agtcacacag gtagctggac atgtgtttta aagataggac    180
tcctcttttc tggttgttta caaccaaacc agccaagcat tgaggcatgc agactgggct    240
aattcatcat aggtcctgaa gaatccttga ggcccatacc gtgttgaatt gcaacctgac    300
tcgtccactc aggtagtaag aacagctgtg tgcatcatcc ttaatgtaca acgcaaggca    360
gcttcatcga ggcatggaca gataagataa taacgttatt attggttaat gaagctactt    420
gtataactta ggaaatcggg atacaattgc ctcttagagc acatgtgacc attgaaccct    480
ttatttccgg gcgagtgaat cattttcctt gtctgcatgg catactgaag caactgaagg    540
acttttcgtt gaatttcaat taattcacta ccgtgggagg cttaacaagt gggatttctt    600
tgtataagaa agccgctttc ttgttaatga gagctacttc catattttca tcccatgcgg    660
ctagcccgat aatatg                                                    676


<210> 6920
<211> 553
<212> DNA
<213> Aspergillus oryzae


<400> 6920
cagcagtctg agacagtatc ctcgtctgct tggccatatc cttgtcgacg ggcttctttc     60
tctttctgtg ttgtttccgt cgctcctttt atcaggttcc cagcttccgg ctacgtccca    120
ucttgcttaa ttggggracc agctcctgtt gttactgcga atcgacagta acttataacc    180
ccgcggccga gaaattggcg ccttatacta ccgtggaaat cgcctggtgt agcttattgt    240
ccctgctggg ctgattgtgc aaggcggact ttcattggcc cccaagaatc aattcagctg    300
cactcttcca tcattggggt ctggctctct ttttcatccc aagtgacaaa gcctgaaaat    360
tgcttggtct gagagggtgg cttatggcag aaaaaaagcg tcacggtgcc ggagttagag    420
```

```
cgtcatcgca aggagcttct ggtgccacag gtcagggaat ggccggagct atggttcctt    480
tggaggtcgc tttgagcggc gcaatcggcg cacgccgtcg cattactacc ggcccgggct    540
tcaacgacat tcg                                                       553


<210> 6921
<211> 674
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6921
gtatatctcc attcagccat cacattcaac tgcaatgatt ctgccgtcaa tgcacacccg     60
tctccacctc tcatccgtct cactgaatac aatcttaagc ctctcaatct ccgagtaaag    120
gacactcttg tcaaacacat gctggcctcc ctgatatgcg gaggccatca actgcatagc    180
tttttcggaa ggtaccggac caaaatggat tattctcaag cgaccgtcca gtggaacaga    240
ctcgggtgag atcacgaact ctctttcaag tctcgggacc atcgttgcca gcacgtacat    300
gtgttctttg atctccatgg tatccacata ctcgctgtta gcttcactat cccacttggt    360
gagactaatt gtaccggcat atctatggct ctcagcacca cctggaggga agagaagttc    420
ctctgcagcc aatttaaacc tatcagcgcc gaatctgcgg tattcagtag tatcactatc    480
ggcaaccaag gcggcgtgta tgccccagct tgcaacaacc gcaccatgta ctatcggaac    540
ttcatactta gttttgatgt tggcacttat actagcccga gaacggcctt cctcggtgac    600
atattgcgcg ccgggtgaga attttgcgcc gaaaggtcng taaaggcctg gtctttcttc    660
caacagcttc ttan                                                      674


<210> 6922
<211> 658
<212> DNA
<213> Aspergillus oryzae

<400> 6922
cccaccacaa gatttctcat tgtctggttg gatctgactc tattccacgg ttggttcttc     60
tatgtcactt tgcccctggc ccacactttc actacccacc ctttggcccc tatccttaac    120
caaacccccc gccgcacctg accccctcaa gccctcatac tgtgcatgtg atgtggttat    180
tcgacctcgt tcacttcaaa ccaacgccaa atcaagcttc cgttgcttga ttgatcttga    240
atctcaactg aagtagagca tgtttctagt tagaagcctt gtatcatgtt cggatggtgt    300
aatacgctgg gcttcccttc agtgagctca gaacctgaca gggagcggcg ggctccatcg    360
ggcccgacac ctatagactt cccagcgtat aagctcccgg atgccacaga tgatgatccg    420
gatgcctctt tgcggcaggt gcatgatatt ctagcatcca tcataaggcc acaacatatc    480
acgctcgaca agttcaaagc tctcaatctg aaggtggaag caggtctttc tgcttcgtgt    540
attggccgta aggatgggcc agatttcttt ccttctttac cttgggagga cacttcaccc    600
aattccggcc cgttgaccga agatggttcc gcgatcttaa tgcaaaatgg gaattcct     658


<210> 6923
<211> 616
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 6923
ttaccatcct tttctatcta tctgcattgg ggaccggaac attgaaacaa aaaaacgaaa     60
acaggtgatc gacaacatgg aatggcgcag catggcatga ttttaggagg gaatgacagc    120
acagcaactc acgcatttc tgtaccagct gattctaatc cttgactctt ttttatcctt    180
```

```
cttttggtctg gggatgaagg gtagaccccca gagcagccaa tcagttcaga ccaaattgtt      240
catatctggg cgtctttcct tgtctctttt tactgtactt tggtgacttc tcttcttcta      300
taccatgtac tcgtatgcta atataagcgt gcgcagtgtt tttttcccct cttcgtttgg      360
atttcctttc tttcccccat ctactacgac tttccctcgt tttgcttgct cgttcatgcc      420
atgtctccgc ttttcacttg ttctgctcta ctggtccatt catcatcgat gtattatccg      480
acagttctac tctgttattc taaacagaga tcaatactcg tacagtacat aacatgtcac      540
ctgacataaa gaccttgaca atccagtgcc taagctgcng attaaaaaaa aacaaangan      600
aaaaaaaaaa attact                                                       616


<210> 6924
<211> 610
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G


<400> 6924
atgattagag atttatctat ttcattccct gaattcctgc gtatattcat gtacttgctg       60
gaattgacgt ccaccgggaa cttgcgtcca gactgcggga aagccactgc cgcctgcaat      120
tccgattctt agatagaggg tgggaggtgg gcacaccatt gataccgtaa caaatcatga      180
aggcgagttg tagtgcacag cacgagtact gttccttcca ctgaattcat atattgtaag      240
gccttcctca agtgtatttt agtgtttcac cttcaaatcc tcccgcttca acagctggat      300
cttgcccatc gtcagcacgg gtgtatttac ccctgcaccc gcatttgcat cagcactgtc      360
ttctagactc ttagctagag atctgtcgta actcgtggga tcgatgccta agatcccacc      420
cacatacccct nctcttctcc aggtacgctg aattcacgaa atagggattt ccactcgttc      480
aaccaagcct tgactggctt tcctatcttg gctttcccat tcttaaaatg ggggcactgt      540
gccctgtgat gcataaaata cacgccggcc ttcattaaca tgcttgaaga ggatctttc       600
ccggtattta                                                              610


<210> 6925
<211> 650
<212> DNA
<213> Aspergillus oryzae


<400> 6925
gccatgcaag gagtcctaat atggttcgat tactacgcgg taatggtgga cagaagccct       60
tgatctgcct gtcaagggtg gccaggcgtc actgcatctc gctgcgggcc agccattttg      120
gcggaagctc agtaaagctt taacggctcc ttcgcccttc agtgccttcc gactaccgac      180
ggattgaatg gacatgtgac tgtggtaaag aattgtatgg tgactatcat aaatcgggcc      240
ctgcatcagt ggaggacttt tcatccaatc tcaagagaca gcggggtatg aaatttaaga      300
ctactccagt cagcgtgccc ccccaagcaa ctgggtgcat acctggccat gatcaacctt      360
cagagaacac tggagataaa tcaggctcgg accatagcat gaacacggtg gatatgatcc      420
aatctgattt gaccctacct tcacacttga ctcaatcaca atcaacaagc accaatgaca      480
ccactcaaac aacaactact aagcgctttt tcgaactttg tgttaatacg ggggaattca      540
gtattagtct cggcgagatt gacattactc acgtccagag cgatagtgag cttttttcaaa      600
agatatacca gcgatataaa gatatttcgg gcccatcgca tgcgttgaaa                  650


<210> 6926
<211> 302
<212> DNA
<213> Aspergillus oryzae


<400> 6926
atgctgctg tattactctg agcttttgcg tctaaggaag gctgtctcaa tacctagtct       60
ctacggagag gtccactttc tcttttacca cgcctcctga tcgttctttt ccgtccagc      120
tagcttgctt gctttacccc gcgggccgtc tcttcaccgt cttgatcgcc tctacctcgc      180
cctgacaccc tttgtccaat cttctgattc tctctatttc gcaaaactcc ttcacgatgt      240
```

- 2457 -

```
ctgcggaaca acctgccgaa actgcctccg ctggtaaccc tctggcagat cgtatcacga     300
cg                                                                    302


<210> 6927
<211> 673
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 6927
ccacatccgt cgattggatg tcgcgggtcg tgatgtcacc cgtaacatga tcgccctcct      60
ccttcgccgc ggttatgccc taaaccgtac ggccgacttc gagactgtgc gccagattaa     120
ggagaagctt tgctacgttt cctatgattt ggagttggac aagaagcttt cggaggacac     180
aactgttctt gtcgaatcct acactctccc tgacggtcgg gtcatccgtg tcggaagtga     240
gcgtttcgag gcccccgagt gtctcttcca gccgcacctg gtggacgtgg atcagcccgg     300
tatcgccgag atgctcttca acaccatcca gggcgccgat gtggatgttc gctctagttt     360
gtacaaggcc atcgtgctca gtggaggaag cagcatgtac cctggtctgc catcacgact     420
ggagaaggag ctgaagcagt tatggctcac acgtgtactg catggagacc cggagaggct     480
gaacaaattc aaggtgcgga ttgaggaccc gccaagacgg agacacatgg tcttcctaag     540
cggcgctgtc cttgctaatt ngatcgccga caaggaggat atgtgggtca ccaaggcaag     600
aatggcaaga acangggtgc tcgtgccctg gacaagcttg ggcccanata aaccgaaaaa     660
cgttggtcac gtt                                                        673


<210> 6928
<211> 671
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 6928
gcagtttgta tctacatttc attccatata tcaagaccag tttcaaccac taagtgctca      60
tttatacaat atttgcagaa ccccgcgcta cccctccatc gccaacatgt cttccaagtc     120
gcaattgacc tacagcgcac gcgctagcaa gcaccccaat gcgctcgtaa agaagctctt     180
cgaggttgcc gaggccaaga aaaccaatgt caccgtttcc gccgacgtga caaccaccaa     240
agagctgctg gatttggctg accgactcgg tccgtacatt gccgtgatca aaactcacat     300
cgatatcctc tccgatttca gcgaagaaac catcaccggt ctgaaggccc ttgcagagaa     360
gcacaatttc ctcatcttcg aagatcgcaa gttcatcgat atcggaaaca cagtccaaaa     420
gcagtaccat ggcggcactc tgcgtatctc tgagtgggcc cacatcatca actgcagtat     480
tctgcccggt gagggtatcg tcgaggctct ggcccagact gcttcggccg aggacttccc     540
ctacggctcc gagaggggcc ttttgatcct tgcggagatg acctccaagg gatctttggc     600
taccggtcaa tatactactt cttctgttga ctatgctcgg aagtataaga agtttgtgat     660
gggattcgtt n                                                          671


<210> 6929
<211> 737
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G
```

- 2458 -

<400> 6929
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cattcccaac caggagtaca catccaacat cggacgcgag gggtacgagc ggcacgtggt      60
gaaactcaag gagcacatct ccaaaggcga tatcttccag accgtgccat cgcaacggct     120
gtcgcgtcca acctcccttc acccattcaa cctcttccgt catttgcgca cagtcaaccc     180
atcgccatac ctattttata ttgattgcga agacttccag ctcgttggcg ctagtccaga     240
acttttggcg aaggaggaaa agggtcgtat cattacgcat cccatcgccg gcaccgtcaa     300
gcgtggcaag tcacccgagg aggatgaggc gctcgcagat gagctacgag gaagcctgaa     360
ggatcgcgcg gagcacgtca tgttggtgga tctggcacgg aacgatgtta atcgcgtgtg     420
tgacccgacg accacccagg tggaccggtt gatggtggtc gagaagttct cgcatgtgca     480
acacctggtg tcgcaggtat cgggtattct gcggccggat aagaccaggt tcgacgcgtt     540
ccggtccatc ttccccgccg gcacggtctc cggngctccc aaagtgcggg ctatgcaact     600
gattgccgag ttagagggcg agaaagcgcg agtgtatgct gggcgcggtg ggctacttcg     660
ggtacaacat cgncagcacg gacggagcaa cagaaatgcc gggtgctatg gatacctgca     720
ttgcccttcg gacgata                                                     737
```

<210> 6930
<211> 450
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 6930
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cgaggcgaga gaggaccgga cgacctggtg gtgacatttc atcgcaacca atcccaggac      60
cgccttccat ggaatgagtt caagtcgctt ggcccaccag ctgcaactgc agttgtcaaa     120
gctgggtgga aatttgtggc cttagaacag atcgcggagt caatacgcgc aaggcggttc     180
gacgagaagg aactggataa acttcgaaat gaggccaggg acgagcgcaa gcggatttcc     240
attcgcaaac cttcggatcc agttagcgtt ttcgaaatag actaggtcga aggattggat     300
ggccagttgc tctaagccaa tagcaatagt agccatgcat gtatagatgc agccgatcat     360
tgtacgtagt attcgtaagt aggtaatgaa tacggtgcct gtccaaanna anaanannnn     420
nnnannaaaa annnttttnn nnaaaaaaan                                       450
```

<210> 6931
<211> 756
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

<400> 6931
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ggagacgntt tagtgacatt atagtattga atactatagt ggtatcagcc tggacccaga      60
tttgggccca gggctctcgc tggtgtcttg ggggcttaat ttccacagag acattgaaac     120
tcttaattct gtccttggcg tctcttgcgc ccctggtttc cgttcatttc aagctgaact     180
accgactag ccgtggattc gatgaggaca aaatgagtca gttccctgc agtggcctgt     240
ctcaatcctc agaacggacg aaggtctctc ttccgctgg tgacttccct gttgccttga     300
caatgggcca ttcccagaca gctgtggaag tgcttctcgc tctcggaaac gaccctggca     360
ccaatttcaa cattactctc cacccgacct tccgagtgga gggtttgggc gccttttgcc     420
ttcccaatgt cacttttgat gagtccatcg tcggcgtcaa gttgacagat ggaatgaacg     480
caaccctgca ggtacagagc aatggtgacc cgagcggtgg tctttacgcg tgtgctgata     540
tccaattcac ggatgtggac tattccgcac cctcctcttg ctcgaacaac actggtgtca     600
aggcgacttc attcaccgga gacgccgcan agcgcaatgc gaacgagtcc actgctgacn     660
gagaggcaca nagtggctcc tcgtcgtcct ctacttcnca gtnnctctac cggtagcgct     720
acattcactt gctgcgcggt cgctcttgag acggcc                                756
```
```
                                    - 2459 -
```

<210> 6932
<211> 540
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(540)
<223> n = A,T,C or G

<400> 6932
cgagggaaag gtcgcactgc caatgtgtcc cgcgaaactg cgctgtaagc cagctagctt   60
gtattcgagg tcctgtgcct gttgacaata cgagccccgt tgagagtttg tgccaacgga   120
tttgatggta tacccaatgc agcggacttt gtgagttaac cgagagacga ccacacgaaa   180
atgcgggggt aggatgcaat catcaacgat gagcaggacg tggcgaaagg atttaactgc   240
atgacangcc gatgaaaatc gcgacgatct tggagccaac gggacaccag aatttaatgg   300
ccctgtaaaa tcccgcatac ttcctcggat tggctattag aaggggccaa tcaaccatgg   360
ctattacata gatatgtgag gcctggaaaa attttcaccg cacttcgaaa gtccgcccat   420
gatggctcca gattttaaca tgggatcaca gaacagtgtt tggagcattg ggctgatcgg   480
cgttgttcgt aataatctgg ccctgggaag tcttcttaaa agtgataaga tgcggcgtaa   540

<210> 6933
<211> 697
<212> DNA
<213> Aspergillus oryzae

<400> 6933
gtcatctcgt gcgcacatat tctgctttct tgcatgaaat gcgcctgctc ccgctgcgct   60
tatgataggt cccaccactg tctctccgtt ctccacactt gcttgacttt gacgacttta   120
atgatctgca cctaacaccg gtgtatacgc atgagcacga taacatgcct tctgatgaca   180
ttaactcacg gacctctgag tctgatgatg gtaactggtt cgtcttccac gctctgggcc   240
tttctctttt caatctggct ggctccagta acaataaaga tctcgatgag attctgtacg   300
acaacccctc tgctcgcgat agctcacagg ttgccagcta ggaaatctct ccacacttac   360
ggatacagca aagagccatc gaacaactcg atgcgcgcaa gagacataag gaagatgacg   420
aactttgtgg cgttaatgct attgcagaag ctgaagtcta atgcgccaa tcatcgcta   480
ctcctatagc acgggacata aatctctatg gttcagaagc tgctctgagt atacttccat   540
acgagagtaa ttgataccgg cttgagactg gagaaaccca ccatttggac tttgatggta   600
ttgatgttac atgctttacg attagaatac gaccgccgag gtgtacgtga agctttttga   660
cgatatcgat attgcggctg cgcgcgaaaa aatccca   697

<210> 6934
<211> 557
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

<400> 6934
cgaggtttgt gcatttacca gcacacttac acgcactga ccatcaacca ccgtctgcac   60
caacttgacg ttcaaggcga tgtttcagga tttttcgagt cgggacggca accacctctt   120
tctgttcacc attggaagtc gtggttccat atggacatgg caaaactcag tgtcgtcagc   180
gagctctgtg gcgatagctg ccttctgcgg caatggaagt tcgcggacgg gtggattttg   240
acgaatggct tctcggtcat gaagtatagc aaggagctcg atccgaacga caagaccatg   300
gaacttacat gggagggcca aaacggcgca gtacacgaat cgttcctgca cgagttcggt   360
cctttgcgcg aaaaggactg ggatnagttc agctacgtgc tggaagactc cgttgtcgat   420
ggcaacaagg tacggcaatg gtatgtccat cgcgatgctg agaagggtga tcanaatttt   480

```
agaattgatt tggcgagctc aatagaggac tgtatgagtt ctcattttgc cgctggtggt      540
gtttcttttc tactacn                                                     557


<210> 6935
<211> 659
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 6935
cttaaccttt gcttcccttc ccatgtcttg gaatttctag tgggctgtgc attagcgcct       60
ggtacacctg tatgcacact gtacatcccg ccagaatgta atgcacatac caaggaatat      120
cccccgaatt gcctgatttc agcgacatgc agaccaagag ccaaaqcaac tcgacccttt      180
gccgctgggt tgtgctttcc actggatatg gtgtttgctt ttgtgttgct gacgctgcat      240
aacgggtggg gaacttgatc ccccgctaga acgtttagc gcatcccttt gagaaatcct      300
gatagacggt atcgtcaagc gccctgttgt ttgggatttg gaactttttc ttatcgccgt      360
cttttctatt tttaatcggg ttggatgttg gggattgtag gatgtagaag acagtactgg      420
acgtatgcat cgtcagcaga tatccactcc attgatacca atgttgtcgg tagaactagt      480
ctggtactac gggtaaaata tatccaacat gtactttntc atcggtcggt tggttatagt      540
atcacgccag tttgaagata tcagttctga tgcgctgcta cgtgtttttt tggagaagga      600
tttgtcatgg gaaagtgatt ggcttatttt ggatgtggtt ttcataacaa ttggccgga      659


<210> 6936
<211> 685
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

<400> 6936
ggaaacttct aggtttctcg ataagataag cgattcgttg cgatggatgg ctttacctcc       60
acccgaaatg tacactactt gaacatgcga taaaatgata caccaatttt gaatacgtcc      120
ctgctctatg ctgtttcact ggaactgatt tccagctttg tccttccatc taagcataca      180
catgattgac attagcaaaa tcccaacagt tttcaatatg ttgataactg tttggagcct      240
cggcatctca acgtgtatta cataagccat atccccatct cattttcttc ccccttgtcc      300
agctgtcgac cagttcggta tcaattgctt caccgtatcg ctctgggggc attctcagcc      360
gttactgcta ctaactcaaa cccataactc aatcgtgtca tatagcacac gggacaatcc      420
accgtcagca gcaggaagcc cagataaagc actcaacagc tgccatccaa atacgactcc      480
agaanaaaag agcaacagca gcacagcaaa gatcgaagat gtctttcaaa cccggttctt      540
ctctgggccc ccaaagcctt acaaaagctg tatcttctaa ggtacaacgc tgtcagctta      600
aacctttggg gaaactgcac cctccgcggg ttttacttct tacaacaaca ccccagagaa      660
aaattccgcc attttaaaga aaatt                                            685

<210> 6937
<211> 718
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G
```

<400> 6937
```
ctcactcatg tgtaacaaga tcttgacatc cgcacaatga atccatccaa gtccatttcg      60
gatcaggagt ctttcgatgg aagtctcttg aactcaagca gcaactctcg cctctttcat     120
gtataccata ctttgtggcg ctatgattac accgtgactt cggacgacaa gacacctctt     180
ttctttgtgg atacgtcgtc tttcacccca aagaagccag acctcacatt ccatgctggc     240
actgataaga aggcccctgt tgtgggcgtc tccaaattcc tacattttc aaggcacatg      300
aaagtagggc ttggtgaccc gcagagtatc gaccaagttg agtgggagga ccttatctct     360
caaaacatca ggagcaacaa ataccgctgg caaatgacag tccgggggtgc ctatggagca    420
gaacgacggt cttttatgtg gaagagaaca cactctgttg cggtcgaggg ctcctccgca     480
tctaaatgga gtagtcgcaa cttcaagctg gtcgatgagc aaaccggtca gattgttgca     540
atctttacca gcactgcttt caaaagcgtc aagaaaagcg gcaaactcca natcgactcg     600
acgaactatg gcgaggaggt tgatctgatg gtccttatca ctgcgctttc tctgtacgag     660
aaacaaagac ggcgacgaca tancaattga ngtngccngc ggtgggtgaa gatngtaa       718
```

<210> 6938
<211> 641
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 6938
```
gtgccatggt cctgccgtgt atcagtcaac ctgagcgttc angtatctcg cgtggagagc      60
aaatggggggg tacgaacgac tgaggacgac catttggttt ccagccctga tcggcgtctg    120
acattttatc tttttactcg agtgtgtgga ggcgaagagg tacgatatgg cagagcagcc     180
gctcaaggaa gaaggaaggc aaggagttgc tcgttcgctg tgttggggggg tagaaaaagg    240
agtgttccca agcgcgcgcg tgcgtcaatg aaaactggtg ggtataaggc aaggttgatg     300
tggaacttga ggtacaatcc caaaagaatc agaagagtca aatcgcggat gattaaggta     360
ttagggtcaa aggtatatat gatggtgaga agatcagaac cagctgagcg caatgtatgg     420
gaaaatgtag ggggttttga tcgatcgcaa gactgatgag gccgaagatc gaaacttgtc     480
gcactaatga atgggtaatg gccaaaaggg accacttta gtgggtagtt atcaaagccc       540
ggacggggggt gataggggaa atgcacgctc gggggaagat cattcggccc aaagagaagt    600
gtaagtagta ttcgtttggg gagggggaaa ggatctaaaa t                         641
```

<210> 6939
<211> 660
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 6939
```
ccgtgatcga ggagtttgca actactgtgc gagctaagta cccaccgtct accgctctgc      60
caacatccgg tcctctcttc gacacgtcta tcctagcggc catcgaacag aaataccacc     120
tcgaaccaca cagaaccaac tctgcagtct ctaatccct ctgtgaaaaa ttccaggatg      180
ccgaccattg gatcagcctg gctccataca gcacagccga tggggaccta gccgatgccg     240
tgaaaatgct acttatatca aacgaaatgc tcgctttact acgtctagca aaccacaaga     300
agatcccact agcgaccctt gataatctaa gttgggggcca cagcttcggt gtcaaccatc     360
ttccggacgt agctctgcaa gcctacctac tactaaacat tgccgctgct gtgaaagcca     420
atgccaaacg cgggtctgcg gatgtcactg tccgtctgac ggagacgcag cggttcaggt     480
actttgctga ctgggctttg gcggatcatg actatccggc gcagaatatc ccgcatcgtc     540
agtgttggaa tgcgaagggt attactgata ttcattgctc atcgcgggat ccgntganac     600
ttgagacgga tggggaaagt caagatatga aggcgttttt gaagatgtgt tgtgagctgt     660
```

<210> 6940
<211> 305
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 6940
```
cttttttttgc caccatcaaa gctgcggtca ctgtcatgag cagcgaggag ggtgactggc      60
gtcgaaagca actccaagac cggatctacc acttctatga cctcctcttt catcatcccc     120
actgggaaca tgttcgaaga tccggaatcc tgagcattcc taccaccgac cattttctga     180
caggttcttc gttccttgta cccattatcc cagtcatcac acagccaggc tactgccgta     240
gtctcgagaa atggctccta gaccgtggaa tgtacacgca tggggtgcgg tatcccgttg     300
tgccn                                                                 305
```

<210> 6941
<211> 696
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(696)
<223> n = A,T,C or G

<400> 6941
```
gaggtggagt cgcctgctag gaacatgtcg gttcgggttg ataatatggc gttcggggat      60
gaactcagca catcgggttc cttccgtcgg aactttgaga gcgacgacga tgattcgagc     120
aatgattttg cagcggaatc agcatcccag atcaatcaag cctggcctgg cgtcgagacc     180
ttcagagacc tgtggtcacg tgggcacggt gaccctgaac aaatcttacg aatcatacac     240
gaagagggcc gccaggaaga gctcggttgg gttgtcacgg ccatgacaaa gcttcagcgc     300
agtgatagtc ctagagtgtc ctggtctcat gatcaaagct cctcaggtcc atctagttat     360
gtcccgggtc cgggcgagac agactcagag tttgcaagtc ataacacaat tgcctccgca     420
ggctcatcac taccggattc tcattggaac actacatctc agtcgtcaac tcctgttggt     480
cggccctggg atatcgcgag cccgcacgct agaaacgatg ctgctatgga ccagttgcac     540
actgacttcg ctttcgattn tccagaactt ggacctggaa gcgaagagga tagggagtcg     600
cagtcagatg ctcgtagctc agcaaatgac ttagttgggg ctgtccagaa nttcacccnc     660
catgaccct caagtgcana caaatcctgc caatta                               696
```

<210> 6942
<211> 256
<212> DNA
<213> Aspergillus oryzae

<400> 6942
```
acaagacccc gatccaagag tgaggatgtt cccaccctgg ttcggttgtt agtgccgctc      60
gtttctctgc tctggttcgt tctcattgct gccactatca aactattgat tgcaaaggtg     120
gagtaatttt gtcaattcc acgacgacct tctcagatga gtatatgaac gtggagttcc     180
ggaacagacc taaaaacgct ccgtccctg cattgcttag cccctcgcgt gggatcgact     240
cctgatcaaa aaggtc                                                     256
```

<210> 6943
<211> 557
<212> DNA
<213> Aspergillus oryzae

<400> 6943

```
gttcccttca cagttgacgt tccccaccct tcacccacag ccgaacagtg attttcctcc      60
gtcattccga ttcgcgatta ataacctcgg cttcaagaca attcctgttg cgcgacgaac     120
gatacacacc gtacatgcgc ggatccgagt gcgcaagaac actcgattgg tcagggaaaa     180
gctgaaggaa cccgcaagga agcaaagcaa aagttgaagc tactcttaca caccgcatcg     240
atgccagtga gcgggtcgtc ggcgagactc tgcgtggact acattccagc cacgctgggg     300
tctcgaaggg tgttaatact gcctcgaggc acgaggccgg cctatgccag acaatgcaga     360
agaagtgtac aacggtcata tgccagtgtg agccgttccc agacgccaag cccggcaatc     420
atccatataa ccaaaggctt gaatacccgt gggccacggc tgggtcatga gtatatgcga     480
cagtacgcat cagcagcagc gaatgaagca agtcggatgt tgcagctgag ctacagggtg     540
ggcctttcaa agagtatgat gcgcgaatgc tacaaggtca gctacaggat gacccatacc     600
ggagacgtac gtcctacact cttcttcgct attaacggtc aacccaaagg gcatggg       657


<210> 6944
<211> 395
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G


<400> 6944
acaacaagcg gttcgagtct aaatacagag aaatacaaac cggcaagcag agcggcaaga      60
aatcctttta caaacacctg caagccaaga gaagagcaaa aggcaagtga taagactgat     120
gctgctccta catggatagt tctgggggcc attatactgt aagaatctct cttgaaccag     180
acttcgcatg cttcaaggca tggataaacg aacggttcgc gatgaattca gcgaatctga     240
gcaattgccc gtcctctcgc ttcgagccac ccaaagtgca attgcacaca ctaatcgctt     300
ttgaacgcgc ccaaaaaaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     360
nnnnnnnnnn nnnnnnnnnn nnnnnnaaaa ttcct                                395


<210> 6945
<211> 694
<212> DNA
<213> Aspergillus oryzae


<400> 6945
ccgcctgagc acaatccaag caatgcttct acttttgaaa gcacgagaat ccgtgccaaa      60
gaagggctat tactaccgct cgtggcagac tgtgaaaaca attgtttcaa tggctaaaga     120
tttagaaatt gacgaacact acaacacgca tgcagagcat agactctgcg atctcaaccc     180
catagagtgt ttggtacaga caagagtgtg gcaagccctc ctggttgttg aagtaatgat     240
tggtgcaccg caaggccgat cggactacgg tgtaactcct gacaccgttt gtatggatcc     300
tgcgctggat attaaagatc ttgaccaatt cgaaatcgat cgatctagac aatatgccta     360
cttgtccag aatgctcatc acattcgtat catcactgat acataccaca aaatcaagag     420
gcaaaaggac tggggtgcca atccaaagtt cgttgagaag aatcctctct ttaccgattg     480
gcttcaaggt cttccttcag atctacagat tacctaccct cctgacggct cacccccgtg     540
gataccgtcc cattttgtgg ctaatatgca ttcccattgc catctaggca ttattctact     600
acaccgacct cagttgcttg catctaaatc ctttgccgca ggcggggggt ggaaaatgca     660
tatggctttg tgttactctt cggctaaata tctt                                694


<210> 6946
<211> 583
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G
```

<400> 6946
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cgaggtctcg aagacgctcc tagcctctct ctcttaggag tttcacagcc gctattgtgt         60
tcgcccattc tcctttaata attttgcttc ttgacgttgt cttttttctac ttttttcgtg        120
ttttcgtatc gtgcagcttt cttggtttac aagaagcaag ggttcgctag gacggactgc        180
acatgcctgt ttgataccaa cccttacga ccttggtgat cgccttgtct caaaggatcc         240
gagttcgaag gaactgacag gcattgtttt tgaaatgtct tccggctcgt ttcctttant        300
ccccgcttgt cctgccgctc cgncttccct ttccgaaaaa gtgcttctcc acgcctttct        360
tacctnctat tctctcggca tctagtattc accggattgc tcctcgatcc tttccaaccc        420
tgatcgcact gtcttcttcc cggcttattg aaattgttct ctcgagcaac ttcttcacac        480
cggttactgg accctttttt ctgggaccat atccggtatt tccataacct cctggaatcc        540
ccaattcacc gaacttcccc cgcatgggta ttccgaacct ggg                         583
```

<210> 6947
<211> 659
<212> DNA
<213> Aspergillus oryzae

<400> 6947
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ggtcaatcga cacatacgca aatcacgacg cctgcatggt caccgctact gtcactttca         60
tcattgatgt tcgatactcg ttgcactcta cgtctaatgg gattgttcgc gatatggacc        120
tgtggctctg aaaccgtaaa ggctccagcg gaggctccaa ttgtcctaca agtaacacga        180
cttcaattgg tggagacgac agtgtagcaa tttttagaga atgtcgcatt tcacatgaca        240
caaaacgttt taccggataa gctatgtaag cgattcaatc gtgagaagct gtatgcttgg        300
agtcttcatt ccctgtgtgt gcacatgatg ctccatttat gtaacctttg gcgggagagt        360
gtgcttataa tgcagggctg ttcagatcgc agtggtatcc accactggta agatatcgat        420
gattgacatc ggaggtgaaa agtgcgactg atgccgacga cagtgataca gtcacatccg        480
ctcggcgaga ggaactccat gcagcgagga tcagcttggt gtcaaacgtg acttggtgag        540
cattatgtgc acactgaggg atgcctgctg agattgggat tcccgaaccc ttcataggg        600
cgttgagctt tgttcgcata tgcgtaagac ctcatggata catggatttc atttgaatg        659
```

<210> 6948
<211> 672
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 6948
```
cgccttatct tgggagtggc actgattgtt gtgtggaggg aggttatgaa accctctctt         60
ctccgtgtac ttcccccagt ctttcgtggc ctggaaaagt tgggtctgtt gctccctcga        120
cgattcttta ccgcagcgtc gcaatacacc aaagttccca cgcaactcaa ggatcatgaa        180
gtgttcccga ccttttccga aatcccgtct atcttttcga acatccgcca ccctcgacga        240
cgagcaatct ctgttggtcc tcagtcggaa gctgatgcct acgaaaccct ggcctatcgg        300
gagaagcgca gacgagagag cctgtcaaat agcaaccgaa cgtcacccct ggtagaggag        360
gattctcggc aagacatctc ggagggacac catcctcaac tatcacggaa gcggtccaag        420
ctccatgaat atgaaactat gatgggaact ggtaaccctc gactcgcaac tggtgttgat        480
ggtgcagagg cacctncatt gacggagccg ttcctgatt tggttcttga ccccgagccg        540
gacgaagaag agtgtttgc gcgaatcaag agacctcgtg tacgatacga tgtggaggta        600
agtaccaaag ctgtaagata atccgggatt gctttggatt gggatggaag gagcctcctt        660
ttgttttttga ca                                                           672
```

<210> 6949
<211> 802
<212> DNA
<213> Aspergillus oryzae

<220>

- 2465 -

```
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

<400> 6949
gacacatggg ctgactaacc cacgcgtggg gtttagaaag cggggggatct ggcctggcaa     60
tatttctttc ttttcaactc gcctgcctac ttcactctca cccagacact ttcttttttcc   120
tacgaataaa acgtctttga atattggaaa agaacgccta gtttgccatg tctgccgttc   180
tactgttctg cacttcaaaa gtccgcgcgg gcgtaatcaa ccgactgatg aatgaatgtg   240
ctatacctga caacacgttc aacttcttta gtctagtccg caccccagac caggaagcct   300
tagacgaatg gaatactcaa acccccgtcc aagacttcga caccggcttt gaagggaaaa   360
gcgacgccga gctgcgcaga ttcttccaag accgcctcga taagcacact gatacccaga   420
caacgagtat ttctgactca tggcttgcgg tgctggacga taaatcgccc tcagagaacg   480
cagtggtcct acactataca tacgacaaat cgagctgggg accaggcccg attcctgggc   540
cggcggaggt aatggatgat gtgatctggt ggaagtggag ggtgccattc aagtcagcct   600
ggacattctg gaatgcgatt ggaagcgctg gggccgatgc cattgaaatc tattcaaggc   660
ccgagtatac cagctcggat ggtgttctac agacagagat tccagagaag atcattaatg   720
gggagattga ggatccacat gcttagcggc ttctctccat acaccttggt atcttcttct   780
gtatcgcaac cggcggcact tt                                              802


<210> 6950
<211> 717
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

<400> 6950
cgaggtgaga gtgacgacga ggatgctagc gagcacagcg aggatgagaa gaagaagccc     60
gcccctggct tcaagaggaa gcgtcctgct ccccaggcta aaccccggaa gaagggtcct   120
cggatcgaga tcgagtacga aaccgagggc gctggcaagg aaaatctctt cgcttaagac   180
ggagaccttc cttgaatctt ggaaacacca acttgaaaaa aagcaaaaag cattctggtc   240
tgttgttttt tgcacggcgt tgtctggctg ttgtctctga agtcacatct gctacgatcg   300
ggcgtcatac ccagtctctg catagtttac caacaccttc ctggtcctgc ggatttaata   360
tggaatttac tcttatttta acattnnnna aannnnnnnn nnnnnnnnnn nnnnnnnnnn   420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnt ttcctgggcc gnnannnnnn nnnnnnnnnn   480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnn       717


<210> 6951
<211> 673
<212> DNA
<213> Aspergillus oryzae

<400> 6951
ctggaaacag gcgaccacct ggctatggaa gaaccgctgg atatctcagg aagaacaatt     60
tcataccttc tcgtgtcgcc cctcttgccg ccactcaatc tgttcctaac gttcttctcc   120
acaatgtctt tggatattgg ggctcaaagt ccagctcaac ggagacagat tccatgtccg   180
aagccaactc gtcagctgtg cgcccatgca agtctagcta tttacggcaa tcaggacagc   240
ttcacgtctg caagtaaatt aaaaaaatgg tcagacgaac tgtcgcatat gccggtggt   300
caatttcaat cggccgagat tgacggagct ggacatttct ggagagagaa tggggtagag   360
tcgcaggcaa gagaagcact gggaaagtgg ttgcgtctga taccttgacc tttgctacat   420
agcgaatgaa aggtaactta atggcagttc tatgatcact ttaggagagg tctagaatat   480
cggactgaga gatgggaccg tgttccacat tttcaggccc gtttcacatg cacacctcct   540
atccacaaag catgtgatag ccctggcttc gcatgaccat ccccaaactt atagtgggga   600
```

- 2466 -

cttttcgtcc ggagtctgag atccgagtcc caaaggtcta tcgtgtcact gggtctgcaa   660
gtccgtaaaa ttt   673

<210> 6952
<211> 164
<212> DNA
<213> Aspergillus oryzae

<400> 6952
gccaaaatca ctggagcgtt ttgagtctgt gtctttaatc tttctcatac attcaattga   60
agacgtctag acactactac ataatgtccg cgcaggtcac tccctccaag caggctgcat   120
cctctttcga gaacctcaag atgagcgatt cacccgtcaa gaag   164

<210> 6953
<211> 657
<212> DNA
<213> Aspergillus oryzae

<400> 6953
ttaattagcg ccggttgaac ggttgcaaaa gcaaccatga caacttccat gcagcagccc   60
gaagccgtgc agcctatagt tccccccgat ggaggaggga caagccctcc tggcgacagt   120
catcttcaaa tgaatcgcac ggtcaaccct catacgtctg tggaggatta tagccgcgtt   180
atgctggaat acacacacaa ccggatggcg tcctttgccg atttggatgc cgacaacggt   240
tcccccgtcg gtcgcagcag cagaagcagc gcacgtagcg gcgagagctg gcgactcagc   300
gggagacatg cttcgtcgag gccctgcacc cacctctgca ggtgtctccc accatgactt   360
tggtgagaga ggtggacgca aagctatcag agatggcgag aaaaaaccat ccatctagag   420
agaccactcc ccgaggtgca ggaggggta attaaacgtg acactggtgt ctcgttacct   480
tgacaaaaag gcactgagtg ccttgctgac gagttgacga tatcatatac gagattttgg   540
cgatttgggg gagacacttt agagtcatcc ggcgtttgat tataccgaaa gcattcctgc   600
ttcaagcgat atacacagag ctatgaccta ctcgagtcga gcttggtgcc tgtactt   657

<210> 6954
<211> 618
<212> DNA
<213> Aspergillus oryzae

<400> 6954
cgccccgggc gcgctttaac gaattgggta tgcagcgcaa aatgatcaaa acctacacaa   60
cgaaacgacg acttcatcaa ataggggcct attatcatcc ctgccggtca ccaaacgccc   120
caaacctgtg cagatgcggc agacgtagcg aacaactgag caaaacgtta agaatatcca   180
tattgaatcg aatcgaagaa gagggagcat cagcggaaga ttaaaaggta agacagcgaa   240
gcaatatcaa gtcgtaacat aacgggttga atcgtaattt aaacctccat cgagtcggca   300
atttcttcac tcatggcacg gaccgtgccc ttgctgccag atctagatcg gaattcctcg   360
tcgctgagca cgtagttgtc gtattcgtcc acaacgggtc gggctggctt gctggcgtgc   420
tcttcgtcgg actcgctctc gtcttccaag tgcaccacgt cgccgagcca gtaacgggcc   480
cgcttgcttg acccaaggtc cggtgtgaga tagccgtcgt cgtacgtcct cttttgcggtc   540
ggcgtagcaa cttcatcgct aagcgtgtga ctaaagatcg ggatggctct gaaggaaaga   600
taccaaaacg ctttcgag   618

<210> 6955
<211> 654
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

<400> 6955

- 2467 -

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gcctagcatg gcccgcactg tgtggggtgc ccacaagcgt tacatggata cctatctgaa      60
tgtttataag ggctactact tcactggaga tggagcagga cgtgaccacg acggatacta     120
ctggatccgc ggccgtgttg acgacgtagt taacgtatcc ggtcaccggc tgtccaccgc     180
tgagattgaa gctgccctgc ttgaacacca tatggttgct gaagctgccg tggtcggtat     240
tgctgacgaa ctcactggcc aagcggtcaa tgcatttgtg tctctgaagg agggcaatga     300
gacaaatgag caggtccgta aagaccttgt catgcaggtt cgcaagtcga ttggaccatt     360
cgccgctccc aaggccgtct ttgtcgttga tgacctccct aagactcgca gcggcaagat     420
catgcgacgt atcctgcgga agatcctgag cggtgaggag gacagtctgg gtgatacttc     480
taccctgtcc gatccctcgg tagtcgacaa gatcatcgaa accgttcaca ccgnccgggg     540
caaataggtg gacgacgaca tgacttatga naagaaagac caaaatcaaa gaaaaaaaaa     600
agattgaaaa cagcgatagt atgacatgat attcttaaat cctttgcact ggac           654
```

<210> 6956
<211> 659
<212> DNA
<213> Aspergillus oryzae

<400> 6956
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gcgacatcga aatgacccat gcccacgcca aacattatga taacagaact gagtacatgt      60
actccttcct gcaggtgctg acagcatcca ctgcttcttt tacccatggt gccaatgatg     120
tgtccaatgc tattggtcca tatgccacga tttatgacat ttggcaatct ggaaagctca     180
actccaagag tcctgtccct tactggattt tggcctttgg aggtgctgct atcgccattg     240
gtatctggac ctacggctac aatatcatgc gaaatctcgg taataggatc acgcttcact     300
ccccttcccg tggttttttct atggaacttg gctctgctat tactatcatc acggcgacca     360
ggctcaagct tccggtctcc acaacgcaat gtatctcggg tgcaaccgtc ggtgttggtc     420
tctgtagtgg aacctggcgt accatcaatt ggcgcatgat tctgtggatc tacttcggct     480
gggttattac tctgcccata actggtatta tctctggatg tcttatgggc attatcatta     540
atgcccctcg gtggggaatg ggcgtctaag tattacattt acacataagt gagtcgtttg     600
ggttgaaact ttgccgctgt tcacgcaccc tagagcaccc cgacaatata actaaataa      659
```

<210> 6957
<211> 727
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

<400> 6957
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gcaactatac acatgaaaat gacaaattga tgagccatca gtacctacca aaatgcctta      60
gtgtacaagc tgcgctggga ttcattgata aatacaagtc acggaacttt gcatctaatg     120
tgccgtggac aattcttcag cttcgccatg cttctgttct atatgcgctg tttctccagt     180
accttaaaag gggtgtccaa gcagaacccc ctgatgcaga tgctatacgc attttacttg     240
gaaatacgaa atgggctctg acttgttac attatgttct gaacgacctt cttgacctcg     300
cggatgatct aaaaaacttg ctttcttgac aagaggcctt ttgcccaaaa attgaaacca     360
ctaattctct tgccctggat catccttttg ttaagaatgg tccgaacctt tcttcgcttt     420
attttgccgg gggttgcaag gaaattaagg cccggttacc cttcggaccc tttgacgggc     480
caacgctggc ggtttactat gccggagaat tatttgaacc ccttaaacac cctcccttg     540
tggcgaaatt gaacgtttat ataaaaaaaa tgctttgctt ggggtgggac tccaaacccg     600
gcgacaatgt tttttatgt gcgcccaggt ttcgaagaaa aataaaacgg cccgggccct     660
taaaaagaaa ctcttaatca acgggccggt atttccccct gtttttttgtt tacaaaanaa     720
cttcatn                                                              727
```

<210> 6958
<211> 641
<212> DNA
<213> Aspergillus oryzae

<400> 6958
tcgaccacgg cgacccgcaa agcaggcttc attcagagtc ttgtgtctct gttaggaata   60
gggaggaaca gcggacgctt gccagaggat agccaacgac ctcccagtag tggaaacatt   120
gattgggttc taaaagatcc ctgggatgat atggagatgt ccgaggatgg caccgaccgt   180
gtccacaacc gggcaaaagc cgatagcggt gctggtgaac gcaagaaatc tgatgtttct   240
tcacaagagg acgacggtga tgggtttgtg attggcgttc aggattggcg cgacccagac   300
cttttagtcc cgatcagcag ctccatccca ctcccgagca gtgtcccgga gtcggacgct   360
agcaaaaccc agactaccgg gaaaggctca cgccccacaa gtgcgtcact caagggtggt   420
agcataactc caggaagcgg cgagtatcgt acactagatt agtcaaagac tagcaaaaca   480
gagttgcaca ggtcccatca caagagcttg acgaatgaca ctcaaagata cgctaagcag   540
aaccagggat ggtttggcaa gacatttct tgggcgaaac gtggccagaa agactcagtc   600
cgtctgttag gccagaactt ttcgaggacc caaagttgcc t   641

<210> 6959
<211> 654
<212> DNA
<213> Aspergillus oryzae

<400> 6959
gctctcgccc gcctagctta cgtcgtcgcc caaggctctg cagacattac ctgggaaggt   60
gtacctctag gaatcctctc cgccttcgaa tccctcggcg gcgtcctctg cgccaacctc   120
ccgataatct accgattatt caaaaccgct gcacagaaaa tcagcagcag cgtctcgggc   180
cagaaaagca agggctcgaa tcttcaatac gcgtacgatt ccagggcgta cgggtctaaa   240
tctcacggcc gccaaaaccg acgcagcact gatagtgaaa gatggattca gatgccgaat   300
gagagtgact ctaccgagat gcagacgcat gtacaaggta tgagtcctga gatgaaggct   360
gacgggtttg agatgggacc tattcctaga gatgggattg cggtacagag agagtttcat   420
acgacggttg aggagagggt ttgatatatc caatctggtt cattccttgg tttgggcggt   480
tgttctttt attcaacgat ggactgatat ctgtattggg acaagaaata ccatgggggtt   540
catgcgcggg gactttatga ctgattaata ccacttatgt catcttgcta atggcgaacg   600
tctatcttga gatactcact cttgtcacgg cccgatgcag tgaataaata aagg   654

<210> 6960
<211> 629
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 6960
cttttactt atcttatcgg ggtctccaat accggtggcc aactgttgat gagggcggca   60
tatatcatgt catctctcca ccgcaaggac tcggctccga acttattaca ttggatgatt   120
aagaactctt ccgccagctg tatcgcacct tcggtttcga ctcccgcgcc tctctcactc   180
ccttcctctt cattcttctc agccactcag ttctgccaca tctttgactt cagcgcaagg   240
aacttgacat gaacgacgac tcaggtgtgc agtttgtagc tgcacggccg agaaagcgca   300
accaccaaca aatgtcccga acgtctcatt cacccaatcg ccgtttcttt tcacaaaatg   360
gagagccctc gtcctccaga gctccgacca accagttgcc acccatgagg tacgctgggg   420
acggtctcga catgaggaga cctgtcgtct cggcttcccc tcagacagat gaagtgatcg   480
nttgacaaa tgaaccggac tcgcctcac aacagcgaga taggagcgcc cgagcaacat   540
cgcggcgccc tagacagcc cgctttggaa gggatatcat ggcagacgtc gtggatctag   600
aagatgaacc ggatnacaca atngatctc   629

<210> 6961
<211> 472
<212> DNA
<213> Aspergillus oryzae

<400> 6961
- 2469 -

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cgaggggaca cagatcctga gcgtggaggc ttgtcttctg cgtctcggtt gattactgga      60
cagttcgacg acttaaggag ccatcacatt catggatggt cgattatttc cggtcgacag     120
atctcagatt aaaggtcgac attgggtgtt cgctctggtc ttgagctccc ttcctttcgg     180
ggttggtgag ctcggctgga gagcctggtg ctcggcggcg tcatattcct actccctttta    240
ccgatttggc cgtcggccca tgaggttagg gaaaaaccat ggccagccaa catacttttt     300
tcctttacta cgtagttttt agctgcagct gtatgctaga taggagtgat tggtagactg     360
tcttgcagta taactgatcg attgagcata tatctcgtaa aggttgcaga gtgcttcgta     420
taacacgcaa ttaagcgtag tgctgttgat tttacacctc tatcctatat gc             472
```

<210> 6962
<211> 567
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 6962
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cgaggcttta tccctgtcaa ttctcgccag catgcatggg ttaggctcct cacctacctc      60
tccagctagc ttccgccttg ccgatggcct tggatatggt ctgcagcaga accaccgctc     120
cgtcatccgc ctaaacttgc aacactttct ctggcgtgaa gtatttggct ttcacatcca     180
cccctcggtc caccttcccc cttcggacaa ttctaccgag ccctctgacc atcctgccat     240
tgccgacgtt gctacaggca ctgctttgtg gttgattgac gtatccaggg actttccaca     300
tagccggctg gatgggatag atattgacct cactcaagcc cctcatcctg gatggctgcc     360
ctctaacatt accctgcagc attgggatgt cttcacaaac gtgcccgcga gccttgagtg     420
ccaatatgat cttgtgcacg ttcgaatgcn gtcttggtgc tctcgaacgt agacccattg     480
cctgtgatcc ggcaactgtt taanttattc aaacccgggg gttccattaa ggggggaaaac    540
ctaaacggtg aaaacctaaa atacaaa                                         567
```

<210> 6963
<211> 685
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

<400> 6963
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caaccgccgg gcggtgtatc tacttccagt tgtcgcattc tggtacccca ccattcaata      60
ctttttgctt cagcagagct cttcgttcgg taaccctacc ggtgccgtga ttactgaggt     120
ggttgctttc tatccttttg ttttgctctc tgtcgcctgt gccgccaaat tggtgcaagc     180
gggcctcaac cttgaacgtt atggtgatct tgccaaggag catattcccc tcattagctc     240
gtacatcgtc tattctttcg gggagaagct tgcaaaatca ttcatagtga gatttatcgg     300
ttcattttgg ctcttttcga gcacgggtct ccagctcttg gttgcaatct tgtgttctgc     360
cgttattcca tctaagtggc tcctcttggc cattccatct atcctcttca cactcacttc     420
taatgtgcat ctgcctttgg ggatcacaac ttcggggctc aaatccgcgc ttaatgagga    480
aggattttca ctggtagatc gtcaggagtc ctccacggt tatatttcgg ttttggataa     540
cctcgaggat ggtttccggg tgatgcgctg tgaccatagt cttcttggag gccagtggac    600
taagacctat cgcaactaca aacccaggt tcaggaccct atctatgcgg ttntctcttt      660
gctcgaggct gtccgactgg cggaa                                          685
```

<210> 6964
<211> 152
<212> DNA
<213> Aspergillus oryzae

<400> 6964

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tccggttacg ggtatcagta ccgggactat taagcatggc agcgagaagc tgtctgcctt        60
ggccgtcagc gggtctccca gcgaggttga gaccaagaaa gcaaaggacc tctctaccaa       120
gctttcctcc gcatccgatg ccgatcgcga gt                                     152
```

<210> 6965
<211> 669
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 6965

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gaaatgggct agacgctttg gtggggggtg cgcgcgatat aaccaatgcg atatagctac        60
agcacatatg gccacgatac ctgctctcgg aaatctgcta cacctagggg tgggcctggc       120
gtgtccacat ggacgcaata tgagttgggg attctggcac aggaggtgcc cgatacgctg       180
gtcggaggga tgagccgaca agtgtggctg tggctggaga cagctttgcg tgacccgcaa       240
actgatgggt gttttataca cctcttcctg gaacttataa gacaaccgtc aacagtgcag       300
tgctctttcc actacgtcaa cggagggagc ctaaagcaga tgttacaggg ccttacgaaa       360
gtatcatggt cgacgtatgc aaatcaggtc tccgcgggtg cgaaataaac caggctggaa       420
attctcccac aaatcatcct ttctcgcacc tgtctacaag gattctgtaa aagtgacggc       480
atttatcgat acaatactca tatgaggagt ttctaaattg ttagcgacta cactaatcgg       540
gatattctcc ggcggcaaag ttttgggaac atctacatcc aaaccatgca atgtaggtaa       600
atcggactcg aatgtaaaaa gacgcaaagt tccaatggga ctttgaggct ctccaggttc       660
aaaaataan                                                               669
```

<210> 6966
<211> 642
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(642)
<223> n = A,T,C or G

<400> 6966

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gccctccatc gagacaagtt gtgtctcaac aggagttacg aggccgccgg tccttaatcc        60
atcgcgtcgt ccagaagttg acgacgcttt ggcgaaactc actcggattg agagaccctt       120
ggattttat tagtcatgcc ttcggtgatg ggaactgctt agagctgtgg tgaacgtgct       180
ttgcgcatct gaaccgctag accacatgac gatgcctcta tgttcaaata gacataaacc       240
tacaccttcg cgaggacgca acaataagtt cgcatcttgg atcagtcaga tgtttgtcat       300
gttgtgtctc tggccctgcc ccctctggt ggaatgcgca tactggggga aaaggcgagc       360
cttcgattat ttagcgacgt tgtccgaagg acgttcctt gacgccatat aaacgattgg       420
atctagagac acttaccgat tagctatcga gtaggggga ctgtggggtg ttgaccagag       480
cttctgggag ctgtagctgc ctaagccttg tggctgggac aggaaccttt tgcgaaacgg       540
cacatattgt aaggggacttg ctatttgggt tggttatcat tgggaggga aaaatatcac       600
tgtgtcnatg ggtcatgctg taagttaagt acactaaatt ta                         642
```

<210> 6967
<211> 686
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(686)
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<223> n = A,T,C or G

<400> 6967
ctttgtcgca acattttttgg aattctcttc ttcctcatag gcgactgcta gctttattga   60
agactttctt attcgggaaa agacctggtc tatggtcctg tctgaacggc caacagagta   120
aacctactcc ggatccatat cccctgacac tgttccgacc gctgttccat tattctacca   180
atctcgagaa ttcgcgatcc acgcgttata tccgtcggaa tattgacagg actgtcttgc   240
gaccgattgg gatggtccgc gccggctaaa tacagtcgaa attggacaca caatgttcac   300
tccaagtcat aattcctggg gccaagctcg ggtcagggaa acatcagtcg aacctcgagc   360
aaagattggc ccaagcacaa atttctggtc atctatgtta gataagcgtc gcaactggaa   420
agcgctttgc cgganaatga attttttctta ttccttcgag gcaccctcca taaagccaaa   480
tataggtttt ttacacaact gggtgctggc acatcatatc cccaccttgt catacaacat   540
gacgaatggt atggttcccc cccgtgtgcc aatcaggttc gctttgggga acacctttccc   600
agaatgtcct aaactcttaa ccagaaaaac aactttgcgg ctgtttttttg ctatcttatt   660
ttccaaccct ccatttttttt ttgccc   686

<210> 6968
<211> 528
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 6968
cgaggaaaga gtttccttcc tgctggcttc tctccgtttc cctttttctcc ctttttctact   60
gcctttcaca acctatttcc aatggccttt gggcttctat tctgatgatc tgatgaccaa   120
agcgggcttt gctgtcgtta tttattttttc ttacattcta ccacactacc ttcgctaatt   180
ggcattttca atttgtcaac cggtggctcc atgttgcgtc ttaaaaggtg acattgcatg   240
cttattaccg gcgtcctgng tgttatcaaa agagataaat gtggctagaa ttcgtgcctg   300
accatgtaat actattcatt gggatttata ctttccgctt cgatgtttag aggtttctac   360
atcatcgttt ccattcgttt ttcatactgt cttatcacac tctntatttg cactgtgatc   420
attgcatcac ggtttacggc gaaataccca agggctact ttattcttga atacaaggag   480
ttaaacaagt tcaaaaaaaa aaaannnaaa naaaaaaann nttttcct   528

<210> 6969
<211> 668
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

<400> 6969
gattcatttc tcttcgtctt tttatgattt tagacgtccc aaactatgtc tttatctaca   60
tcgtatacct gctcattctg tgggtacctg ttgcacaaca ctcgtgcact tgctactttt   120
gccgatgatt ttcattgtag ccaggtagat ggctcttgtt cttattttta ttgtttgggt   180
gtgttcctga ctagcggtcg tacagtgcgg cttgtcggta tccgaaggta atctgcaaat   240
gcaagaagac ctcgtggcac tcttctccag gcagatgcgg atggatatac caatatcgtc   300
tggcagtcag gaaatgccat cgtccactca tgttccggtc gcgcacagta tctcccaaca   360
ttatcatcac tcctctcatg tggctcgctg cacatttcca acaggatcgc cgaagcatga   420
tgagtccttg ggccataqcg tgactcttaa ctcagcacat gaaatgctga ggttacagaa   480
catcaaccaa tcatcactta cctcacacag ctacagctat ttgagaaatg catgccngga   540
gcacgactac gcttgatcca gatctggcaa atcttccaga gtctataaat gcatccgcaa   600
ctcaggatg aagcggntga atcagcgaac ttcgaactgt gggcaaaatc ttttgggggg   660
aaagcggg   668

- 2472 -

<210> 6970
<211> 359
<212> DNA
<213> Aspergillus oryzae

<400> 6970
cctgtaatgg gtggaagctt ccttccttca atggcatgcg taaatggaaa accatcttga   60
aatttatttc atacgatgca acagggacgt tcgcaggtta acatttataa tatccatgta   120
ttgtaccata aatattccag ggccgaagga ccagatacca ggacaaagat tggaggtgta   180
cctcgcagag gccgtttggg tgattgattg atggatgaat gattgggggtt tgggtttaac   240
tattgacttg ctgctcagct tggaaaaggc gcaactgttc tggagttaga gtatttgccg   300
cgttcatcta tttcaacctt cttatttagt ccgaggtgaa atgaaatcgt taaattgtt   359

<210> 6971
<211> 638
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 6971
ccaatcttac ggggctacta tctactctgc tgctggcacg ccgagcacac ccaatgccgg   60
tacacccag caccagggac tgggcacact gacacctggc gctgtcggcg gagtcttggg   120
acaatttcag gttgggaaag catgaaagtc atttagctaa gatctcattt gtcaatgggt   180
gttagatttg gttgggggag tttatgatat gccttgcatc attgttcctc tgtatctttc   240
cctttgtttg gtctctttgt atgggcttcg tgtgtctgaa atcttactgg gaattgtcga   300
gtggcttccc ccctcgggaa cgttctccag gttcctggac gctatttgtc ttattaccgt   360
taacctcgtt cacagcgatt gcttttctct ctttctcatg gcggnggttg cgggatggat   420
acgatatgac ggatgttcat agcatgtagc accacggcgg cgcctctatc tctacttatc   480
ttttgagtc gcattttctc ggtggtaagg gtctacattt cacggttcgg cgcctagaag   540
ccttcatatt gtctggaaaa agggtttttcg caaagggggtg ccgggtgttg atatggggcc   600
gaaaataaaa ttccgggttc aaagggctct caaaaaag   638

<210> 6972
<211> 682
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 6972
gggaaagcaa agcatgttcc gagcagccaa gcacctagga atgcgggctc tgataaacct   60
caaacccag tgtcttccac ccctaccgct gtaacacaca accaggagaa aacaaaacag   120
acatggtta cgcctgttaa agatcttaaa gacttgactt gtcgttcgga gaatattgga   180
aacaatggta gaacgttctc tcagccaaca atcagatatc caccaggcga ttcggccact   240
ggtgtaaaac aatcactgtc acaggtaaac cctcagtcaa gcgcgtcacg caatggtgag   300
cgccgagctt ggaaggatga atatcagaag tacgggaatt tagggcgaga actaaaacat   360
gccgctgaaa gacataccgc cagagatttc gtggctgatg ttgacgagaa gcttgccgct   420
gctactgcta ttgaagctat tctctgtttt attctagcct ttgttgctga cgaccaatcc   480
aaaactttgt ctcgtcaggt tagcgactca tcatcttggc tatctatact cgcttattgg   540
cgtgtggtca aaaagaatag cgcccctttc ccacagcttc atagcctttg tttgattctt   600
ggcgctacat cctatgatgc tattcatgct cttgatctgg agcggttggc gggtcactct   660
ttgccggngg gaaataccctc tg   682

- 2473 -

<210> 6973
<211> 690
<212> DNA
<213> Aspergillus oryzae

<400> 6973
gccattgtat gccgatttat cagacacacg tggtctgggc gtatacggcg gccacatcta   60
tgctgaccac attaccgcga tctacaggtc cgctccacat ggaccgatca tcttcctgtt   120
gcgcgactaa gtgatactgg ctgctgggga gacacgagcc acgccgtctg agggaccgaa   180
gattctcgaa gacgatgctt tgacacaggc gataggccct acccttagaa agcgagattc   240
gaaccaagat cttggagctc tggcagccac tgacatctac cgtatcacat ttgactagat   300
tagggggcat gagattgatg atatctgata aaaacgcact accgaggtcc actgccaatg   360
cgccagatat cttctcttct ggttcggagg aactcgccgc gtgatccgtc cacagagcct   420
tatatgagct catacagttg agcagctgat acggtgagcg cctcagcttc tataacgcac   480
tgtggttcta cccacactca taattggctg aggtgaatat tcgagtaaag acctgtgtaa   540
acgtcaacat tgcttctact agataactca ctatagctta gaatagacac ttcatgatga   600
gagccaagaa gctcacgtga ttatatgcgc taagagataa aagaagaaaa attctgctgg   660
cgtccaggat gcatatagag gggcgcatta   690

<210> 6974
<211> 745
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 6974
cgaggccggt gttgctgggg ccatggccaa tacgatctca accggccgca tcagccgccg   60
aggttcggga tggggagaaa tcacgggcga tgaaagtgac gaggagaagc cgagggatcg   120
aaaggaggac gaagagcttg atatcaagtc tgaagtgcca ggcgaggcga agaagggcta   180
ggttcatgac cgaaggttgt cccaatttga gattggggcg atcggagatg atgttacgca   240
ctcaagaaac tgaatatcca tgtataattt ccgttcacat gatgactaat gcaaagaagg   300
aaaggtagag aacgtttatg agggagttgg ttcggagttc gactgttttg ttttttcttgg   360
gtttatgtca gtttctcggg tggcgatagg atatttggac gaactgttga tggacttgat   420
atccctgcg aatgagtttc actggtcgtt atcatttctt tttcaatttt cacagtctaa   480
taacatgcta gttccagtng cccnnnnnnn tntnnnnnnn ngnganaaan aaaaagagna   540
accaacagaa anccttvccc aaaaannncc ttttgtgcg ccggcgaacn ttttttttat   600
ccggcccccc cttacaattt cttttgtggc gccccccttt ctccttctag gaggttaaaa   660
ttacaccggg ggggcgcgcg cttttgtaca cccccttcct tggggaacc cctgggtttt   720
cccctttttt aacgggtggc ggtta   745

<210> 6975
<211> 661
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 6975
cggcatatgt gaagtccgag gaagcatatt ccttagatat ctgcatagaa atcgacaatt   60
cgaaggtaca tatctgttca tttctgattt cctctttctc ttccagccta aggctagtat   120
attatacatt gctccagcaa caatgagaaa gctgttgaga ctggcctttg ctgcggtctc   180
gttggcaggt atatccattg ctgacaactt caccacgact tgtaatgggt attaccttga   240

- 2474 -

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agacgatcat gttttgcatg caacatgtac cgcgaagaat aatgtggcaa accagagaca     300
acttgatttg aatgattgtc ttgcaaattt ggatggccag ttagcacttg ttgggaaggg     360
aaacgcattt gccacgtgta tccacggctg cggcctatgt ttttagaag gagagaaact      420
tacgtgctcc tgccgaagaa gcgacatgcg gagtgtgaca tttaatacac tcgacttaga     480
tgttatcgtt atgaatcang atgggaagct gtatgtaacc tgtaggtatt aactgagtac     540
cttttatttt caaaggtact gtactangaa aactataaga aagcgaaggg ggtaagataa     600
caccgtgaaa tatattgtgg gagaatattc ttccattttt taccggcaaa aaaaaaaaa      660
a                                                                     661


<210> 6976
<211> 673
<212> DNA
<213> Aspergillus oryzae


<400> 6976
cgctgatctg atcagctcat gtttccagaa tcaatatagg acaccacata ctacagtggc      60
tcccaacccc gcagatgtga ccccactctc ttttgcattg tcttcgggcg aagggagacc     120
aagcaatacg agaccatgcg aaacttcttc ctttcccccg actggcggtg gcggcatagt     180
tacctactag atatgtgtga tcaccgccaa caaaaaaact gcgcagtaaa tacagaaatt     240
atagaaccaa tttactacga acgcccgtta cacgtctgag ctcactcttg cctacgacca     300
gattctaaat cgaccattct aacttgaaat atatcggcaa tcgcaaaggt cgaactgatc     360
taccctacgg attctcggac cctactacct cctatggtgg attgcctccc tactgctttt     420
gtatcgccat ttggacacgc ctgcagcttt gactgtccta tcgcctgtgc tacgccagcg     480
agttcaaggt ctgaagtccc tttgcgcctc tccgagcgaa aaaagggtga gactgccttg     540
ttaggaatcc ggggaaggtt gaacgtctta aagaaaatg gacaataacc gctttgtaac      600
ccacccaagg gaccgggaga ttggactgcc ccataaaaag ccctgtggaa aaaagcgcc      660
gaaaataaga gcc                                                        673


<210> 6977
<211> 675
<212> DNA
<213> Aspergillus oryzae


<400> 6977
cgaatatttt gatcaacatg tgtgagcccg ggaattcctc catttcgggt tttgataaaa      60
caaaggtcca cgcgctggag tttgaatcta cgtctgcgcc ggcgtccttg attttcagtg     120
ttaccttcac gccgcagatc ctgcttggaa tcagtacggc caagggctta gtatccggcg     180
gtgttggagc attcgtcaat ctgccaaaag tatctgtgaa tgcgactcaa ctgagtcatg     240
tcagtgaaaa gtgtgagccc gtggctgata aagggaatga aggtagcagc ttgatatctg     300
tcctggatga tgtcttcgac agcctgacac atatcgcccc ttcggtggac atcgacatgg     360
gtgtcctcgc taacatggaa gtcgacgttg ctgattttag tgaaagggtc ggagtacaag     420
ctgtcttggc atcaacctcc tatcctctac ccaccgcttg tctgaagtat gatgcgaaga     480
gccacacata tggtactcct tcacggacgc caaacgctac cgcaacttcg gggtcaacta     540
aaggagccgc tgacagttcg tccgattcgg ataaacagtc tggtgccggc aagttgttag     600
aaagtcttta aattcttccg ctgagtattt tggccgcttc aatgattgct gttggttggt     660
tgtgttattg aatgg                                                      675


<210> 6978
<211> 740
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G


<400> 6978
ggagaactcc tctcgacaag ccaaaccatt ccgatatgtt gagttctgcc aaaaccaaac      60
cagcgccagt ctttgcgagc accaggctcg taaagtccga gttgactgct gctttctctt     120
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ttcaaagacc caatggggac agcttgacga tcgagattcc ggtctaatgt acctggatct    180
gacctttcat caacccagtg agtgtaaact ggccaatgcg acaatcacca tgaccttcaa    240
tcacaccaat gagcagcgag gaggcctcaa ggatagcgtg gaagtcaccg aattcttcgg    300
tcctcagatg ttgagcggag aaaaaaaaga gcgacacatc agcaaatgct ctacatgaa    360
tccaaagttc ggcgctgcga atgcatcgtt tgaaggtgtg ggtggatcac gaacatcgga    420
cgccactctt tcctcaagat ggaaattcac aggatcgcga ttcaccgtga atgacccatt    480
gtcgcgccgg tcaaatcgtg cctatcgtca acttgtctgg catcttgagg aaaatgacct    540
cgagagacag gctattcaca atccagtcat ccatactgct cttgccttcc atcatcagtc    600
caaaccattc tacctcgatt tagaaatcaa ggcanaactg cacagttggc atcatcggtt    660
caagcaacat cttgtctatc ctcctnctag tcaggtctca cgcacgcggg cgaagatcga    720
tcctggtgtg gagacagacn                                               740
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<210> 6979
<211> 720
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(720)
<223> n = A,T,C or G

<400> 6979
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tgcatatgac tatatccacg ttattggcgc atactggtca ttgtatcgcg ccggccgcga    120
caaccctacc cttctcaagg tgcacccatg gcagtggtat ctgggccagg cgtacaatac    180
gaccgtaacg tgctttgcga caaactctgc cggtgacggc ctggtaggtt attcgcgcct    240
gggtctaatg ggagagaccg ttgtcggaga gctcctggca gatctgcaac gcgaaggctg    300
gaccgaagag gcggacgcag tagaagccgc catgaaactg cgcgcggaag cgtgggacag    360
gcaatcggag ccctttggaa gcgaaatggc atgggattgc acggccagg agggcgttta     420
ttactggagc aattatttca atcttacgca gacaacgacg aagaccatca atagcatttt    480
aggtctgatg ccaacggtat cgcattgggg ctggaatggn gaacgcccgc ggtactggga    540
tttcatgtga gactcagtcc agcatctgcc tgtccaagac taagatcctt tagctatgcc    600
gggaagctcc aacggattga acgcatgatc catcattatg gttccagcct caacgcattg    660
cccctnctcg ctgagtttcg ancaaacccg agcgacacct atctncttcg aggtgggtcn    720
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<210> 6980
<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 6980
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tccttgtcgt gatacattaa cagtaacaca tcagagtata attttatcta tttctttta     60
atatttcctc cttacagact ttacaataca tcatggatct cgtcaccaaa tggggccatt    120
tcagtaagga atacaagcaa aggagaaaat ccacgtcctc caccgaagaa cataagggcg    180
gcgaggaaca taagggcggc gaggaacata agggcggcga agaacatgag gaacagcggg    240
cgttcaactg gcttttggga aaattcggcc gtcctcacaa tgatcatcct gataggagat    300
cgagtggtgc ggggaacatg gcaacagata tcgatgaatg gagacgcagc cagaagaagt    360
cgacttcgtc tcagcaagga gtccctgatc tgaagtccca ggaaggggtc tcggatttgc    420
gacctcagga aggtgtttct gatttgcatc ctcaggaagg aatttccgat ttgcggactc    480
aagaacaggt ctctgatttg cggcgtcaat gagcacgaat tgctgtcttt tatggcgata    540
tgatttctta tgtattgatt ggggggctttt tctgaaatct ggggtaactg gtttccttgt    600
attgtacgga gtacattatg accttatgat gatcgacgct gtagataatt atgggtaaat    660
aacc                                                                 664
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<210> 6981
<211> 775
<212> DNA
<213> Aspergillus oryzae

<400> 6981
ccttctcttc cttctcatta catcctatag attatattag tcttccatca cctccagcct   60
taaaagtact gaccggattg tgttgtgcag atttcttaaa ttcgatacca accgctcttt   120
cgactgagcg gtcgctttaa aagcctctct ctctcactct cttatttttt tttttttcta   180
aaaaaaaaaa atcacattac caacaaaatg gctcttaaga gaattaacaa ggaactctct   240
gacctcggcc gtgatcctcc ctcctcctgc tccgctggac ctgtaggtga agacttgttc   300
cactggcaag ctactattat gggtcctggt gactctccat actcgggagg cgttttcttc   360
ctagcaatcc acttccctac cgactaccca ttcaagccgc ctaaggtcaa cttcaccacc   420
cgtatctacc accccaacat caactcaaat ggcagtatct gtctggacat tcttagagac   480
caatggagcc ctgctctcac aatctctaaa gtgctgctgt ccatctgttc gatgcttaca   540
gaccccaacc cagacgaccc gttggtgcct gaaattgcgc atgtgtacaa gactgaccgc   600
ggtcggtatg aagcgaccgc ccgcgaatgg acccggaaat atgctatctg atcttcgaat   660
ctcaataaaa cacggccacc ttggtcttcc aaatcgcttc tgcgtcttct ttcgttccgt   720
tagatcagat ccgaagcctg gcgtaccggg acagaaaatc tttccctggt ttccg   775

<210> 6982
<211> 1167
<212> DNA
<213> Aspergillus oryzae

<400> 6982
ccacgtccac ccgttatatt tctactccgg catttcttcc ttgacatcga ttcttccttc   60
ttcatacttt tcttttccaa tcttccccat cttcttctga atatacccct tcgttcgtga   120
taccattccg gctttcacaa tgtcttcttc tcttgaacag ctcaaggcca ccggcactgt   180
cgttgtctgc gactctggtg actttgccac catcggcaag tacaagcccc aggatgccac   240
caccaacccc tctttgatcc tggccgcttc caagaagccc gagtacgccg cccttatcga   300
cgccgctgtc gagtacggca agcagcacgg cagcaacgtc gacgagaagg tcgacgccac   360
ccttgaccgt ctcctggttg agttcggcaa gaagatcctc gagatcatcc ccggaaaggt   420
ctccactgag gttgatgctc gcctctcttt cgacacccag gcttccatcg acaaggccct   480
ccacatcatc aagctctacg aggagaacgg tatctctaag gaccgtgtcc tgattaagat   540
cgcctccacc tgggagggta tcaaggccgc tcaggtcctc cagcgtgacc acggcatcaa   600
cttgcacctg acccttattg tctccaccgt ccaagccaat cgtggtggcc aggccggggc   660
ctacctcatc tcttctttcg ttggccggat tcctgactgg tccaaggctg cccacaagcg   720
tgactacact gcccaggagg accccggtgt taagtccgtc cagaacattt tcaactacta   780
caagaagcac ggctacaaca ccattgtcat gggtgcttcc ttccgtaaca ctggtgaaat   840
caccgagctt gctggctgtg actacctgac catctccccc aacctcctcg aggatctcta   900
caactctacc gccgctgtcc ccaagaagct cgacgccgcc agcgctaccg gccttgacat   960
ccccaagaag acctacatca atgacgaggc tctgttccgc ttcgagttca acgaggaggc   1020
catggccgtc gagaagctgc gtgagggtat ctcccaagtt cgcggccgat gccgtgaccc   1080
tgaaggacat cctcaagcag aaggtccagg cctaaaggca gactgtcact tgcattaatt   1140
aaagttatgt ccatgcaatg tcctcat   1167

<210> 6983
<211> 555
<212> DNA
<213> Aspergillus oryzae

<400> 6983
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ctgcacggtg accacgaggg cggtaacgtg tctgcccacg ctacccactt ggttggaagc   120
gccctgagcg acccttcct gagctacagt gcgggtcttt tgggtcttgc cggacctgtg   180
cacggccttg ctgccatga agtcctgcgg tggatcctgt ccatgcagga gaagatcgga   240
accaagttca ctgacgagga cgttcgtacc tacctctggg acactctgaa gtcgggccgt   300
gtcgtccctg gctacggaca tggtgtcctc cgcaagcctg accctcgttt cgaggctctc   360
atggactttg ctgccactcg ccctgatgtc cttgccaagc ctgtcttcca attggtcaag   420
aggaattccg agatcgcccc tggtgttctt accgaacatg gaaagaccaa gaaccccac   480
cccatggtga cgccgcgtct ggtgtttct tctaccacta cggattcaa cagccccttt   540
attaaaccgt acctg   555

<210> 6984

- 2477 -

<211> 644
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 6984
ctgaccccaa gcaggcaccc ttcgctgccg atgctaagga gtttgtccgt aagaggctca   60
tcggaaagca tgtcaaggtt accatcaacg gcaagaagcc tgctaccgag ggatacgaag   120
aaagggacgt tgccacggtc atctacggaa ataccaacat tgctctggct cttgtcgagg   180
ccggctacgc ttctgtgatc cgccaccgtc aggatgatga cgaccgctcc cccgactatg   240
attctttgct gatcgctgag gctgatgctc agaaggacgg taagggaatg tggtccccaa   300
agccacccaa ggcgaagcag taccaggact actctgagag cgtccagaag gccaagatgg   360
aggtttccat cctccagcgg caaaagcgcg tgccggctat cgtggacttt gtcaagtcgg   420
gnatctgctt cacagttctt gtgcctcgtg agaacgccaa gctgaccctc gtcctgtcgg   480
gtattcgtgc gcctcgatcg gcccgtaacc ncaacgaaca gtccgaacca ttcggacagg   540
aagcacatga cctagcanac aggcgttgca tgcagcgtga tgttgaaatc gacgtcgaga   600
caatcgacan ggtggtggtt tcaatcggac cctttacgtt aaca   644

<210> 6985
<211> 680
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(680)
<223> n = A,T,C or G

<400> 6985
ggccatgcta ccaccgccta ctatgctcac aagcgtggca agaagatgat cgccgaggcc   60
ctcgaagacc cagagatccg cgagactgtg cacaaggtgc tcgaggagac tgcttccctc   120
attgtatcca agcatgagat ctcggagcag gagcagaagg aatacgttga caagattgtc   180
agccgtatct ccaaccccta tctcgaggac aacgttgagc gtgtgggacg tgctcctctc   240
cgcaaactgt ctcgcaagga acggttcatt ggacctgctt cgcagctcgc agagcgcggc   300
cagaagttcg atgctctcct gggcgccatc gagatggctc ttcgcttcca gaacgtccca   360
ggcgacgagg agagttccga gcttgctcgc attttgaagg agaactcggc cgaggatgcc   420
acctcgcagc tcaccggatt ggagaaagac cacccactct actctcatgt ggttgagcgt   480
gtgtccacgg tccagcaagg ctccaaatca gtgctgtgat tctcgatcgt tttccacacc   540
accacactcc tttntatcac cagaaaacga agggttccga gtccatcacc aatatggatc   600
gcccccgagga tattggatct gatatcanac tgttctgtcc gctggccggg catgaactgc   660
atgggatacg gcgaacatat   680

<210> 6986
<211> 662
<212> DNA
<213> Aspergillus oryzae

<400> 6986
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gctgagttcg ataatgcttt cggaaaagga actggtaagg ctatcatgca tgctaccgcc   120
ggaagtttga tcggtatcgg tgaaatcgtc cttcttcctt tggatgtcct gaagatcaag   180
cgtcagacga accccgaagc tttccgtggc cgcggtcttt ttaagattat ctccgatgaa   240
ggcatgggac tttaccgcgg tgctggctgg actgctgctc gcaatgcacc tgggtctttc   300
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tcggcttcct gggcgcagaa ttttgtggca tctgtctgtg gtgccagtgc ctctctgatc   420
gtgtcggcac ccctggatgt gatcaagact cgtatccaga accgcaattt tgagaaccct   480

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gagtctggct tccgcattgt ctcgaacatg atgaaaaacg aggggcccac caatttcttc        540
aagggtctta cacctaaact gctcatgacc gggcccaagc ttggtttcag cttctggctg        600
ggctagacgt tgatccccgc gtttggccag gtcgtataaa ccagaagagc acggaatgat        660
tt                                                                       662


<210> 6987
<211> 680
<212> DNA
<213> Aspergillus oryzae


<400> 6987
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gctgttaaga tgatgagcga gacctgtttg ctcgccgagg ttgccattcc ccacttcaat        120
gtctttgacg agttgcgcaa cctcgctccc cgccccactg atactgtgga atccatcgcc        180
atggctgccg ttagcgccag tcttgagctt aacgccggtg ccattgttgt cttgaccacc        240
agtggtaaca ctgctcgcct tctttccaag taccgccctg tgtgccccat cctgatggtc        300
acccgtaacc ctagagcttc gaggtattct cacctctacc gtggtgtctg gcccttcctc        360
ttccccgaga acaagcccga cttcaacgtc aagatctggc aggaggacgt tgaccgccgt        420
ctcaagtggg ctatctccca cggtatcaag ctcggtatca tcaacaaggg agacaacatt        480
gtctgtgtcc agggttggcg cggaggccag ggccacacca acaccgtccg tgtggtccca        540
gctgaggaga accttggtct gattgagtaa atccagacag cagtatcacc cttggtgcat        600
gacgtggtaa cgacagcaac tgggtaggta agtagcgacg agggtgtgtc ctcagagtcg        660
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<210> 6988
<211> 759
<212> DNA
<213> Aspergillus oryzae


<400> 6988
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catctctcgt tcacggagag tgtatttgat ttctaattgg tctttttttg tcgcgcgcac        120
gacctcccac acaatgttcc ttcagtccgt ctctcgggct gctgctcgca gctcggccat        180
gcccaccact gccattcgtt cctatcgcac cgtctcgggc ccaatggctt gcctgaatgc        240
ccgccctcag cctgtgaaga agtctatcgc tccccagcag acccgcgcct catccgagca        300
cgccatctcg aatcccacac tcgccggtat cgagaagcgc tgggaggcca tgccccctca        360
ggagcaggcc gatctgtgga tgcagctcag ggaccgtatg aaggttgact ggcaccagat        420
gacccttcag gagaagaagg ccgcttactg gattgccttt ggtcctcatg ccctcgcgc        480
gcaggcccct aagggtgagg gtcttagaat tgccgttaag gtcgcccagc ttactgctgt        540
ctccgtcgcc ctgttctacg tcattcactt gttcgctaag ccccagccta agaccatgtc        600
caaggagtgg caggaggctt ccaacgagta tgccaaggcc gagaagatca accctatcta        660
cggtatcagt gccgagggtt acgagggcaa gggcttcgtc cagagccctt ctgctgagaa        720
gtcatagatt gtggaccagt gatgcgggat gaacaagtt                               759


<210> 6989
<211> 655
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G


<400> 6989
gaaggcagtg cctgggatag tatcatgaca aactataagt tcaacacgtt agtcgctcgg         60
tatcaacgtc cggatatta caagatcct gacttcctaa ttgcggacca tccgggactg        120
tcactggacg aaaagcgatc ccaattcgcg ctttgggctt cgttttcggc acccttgatt        180
attagtgcac atattcccga cctatcatct gaggatctag agtacctaac aaatcaagcc        240
ttgattgcgg tcgatcagga tcctctggcg caacaagcca cactggccag tcgcgatggc        300
```

```
tcccttgacg tgttgacgcg gaatcttgcc gacggttcta ggttggtcac cattctgaac       360
catggtagcg agtccatcga nacagatatt tccctggaca tactcggcct ctctaccgat       420
tgtacataca aagcacaaga cctctggggc ggctctactc agaccatcaa ggatgcgata       480
cgtattaagt tgaacacaca tgcgnacgcc gtgtataaaa tagacaccga tgagaagtgc       540
tctcaagtca tanccaacgg ncttatcttt aacacggcct ccggaaagtg tcttacagga       600
acctcatcct ctgtgggatc tgaatcctgc ancgggagca aatcccagat atggn          655
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<210> 6990
<211> 1339
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1339)
<223> n = A,T,C or G

<400> 6990
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ggcgacagag tataaactac tcgttcgagc tgaacgaccc aagtctgctc cactttgact        60
ccttcgtcgg caacagctgg gtccaggcga agagtgggaa acgctttgag gtcgttgatc       120
ccggaaccga cattccttgg gccagctgtc cgaccaatag tgccgaggac gttccatcag       180
ctgtggaaac cgcgcacgcc gcgttcgagc aatacaagaa aagtaacccc cgccagcgag       240
cacaatggct cctgaaatgg gatacgctca tccgggaagc caagcccgac ctcgccaaga       300
tcctcacaca cgagacgggt aagccgctgg ccgagtccta cggagaaatc gactacgcga       360
ccggtttcac ctggtggttc gccggcgaag ctgagcgcat ccacggcagc atcagcgtgc       420
cctcggcgcc aaaccgccgg gtcttcacgg tcaagcaacc cattggcgtg cggccgcct        480
tagtgccctg gaactttccc atcgcgatgg tcctgcgcaa ggcgggcgcg cgttcgccg        540
cgggttgtac catgatcgtg aagccgagcc ccgagacacc gctgacagcg ctggtgttgg       600
cgcatctagc gcagaaaagc ggtttcccnn gcggcgtgtt taatgtgctg acgacggatc       660
tggagaatac gccgtcgttg agtgaggcgt tgtgtaagca tccgttggtg aagaaggtaa       720
ctttcacagg ctctacgcgg gtcgggaaat tgattgcttc gcactgtgcg catggactga       780
agaagttgac gttggagctg ggcgggaact gtccgttcct ggtgtttgat gatgctaatc       840
tggatcaggc gctggatcag ctcatggcgt tgaagtggcg gcatgctgga caggcgtgca       900
tcacagccaa ccgggtgtat gtccaggcgg gcatctatga tcgctttgca cagttactca       960
aggagcgtac gcagaagttg gtcgtgggtc atggtgccaa agagggcacg acgatgggcc      1020
ccgtgaccac tcctcggagc attgacaagg cactcagcca ggtcgaagat gcccgtcgac      1080
ttggagccga cgtgattctg ggagggaata aggtcacgga taccaagggg tatttctttg      1140
agcccacgat cctgacgggc atgaccaagg acatgttggt gtccnnggag gagacctttg      1200
cgcctatcgc tgccctctat aaatttgaaa cggggaagaa gcanngcact cggcaatgac      1260
actacatggg acttgccagt acccttcaca agaaattgat cgatggggag gtacttaaaa      1320
acttggagct ggttgattg                                                  1339
```

<210> 6991
<211> 682
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 6991
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gtacgccatc gactcgagtc aagcagtgtt gcgaagcgcc ttctcaaagt catgggagta        60
ttggcggtta ccatggtcct tgcagatggc ctccttacac cggctcaatc agtgctagga       120
gccgtccaag gaattgaagt agtatcaccc aatatttcga aaggcaccat tataggcgtt       180
acgatgcta tcctagtcgt cctattccta atacaaccgc ttggtattac caagcttaca       240
tttgctttg cacccattgt catcatatgg ctcggcttta cgcagcttt cggcatatac        300
aaccttgcca agtatgacgc tggtgtcttc atagcgttca accctgggta cgccttcagt       360
ttcctggccc ggcatggaga ggagggttgg aggatgctta ncgggacgct attagctttc       420
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```
actggagttg aggctctctt cgcagatatt ggagccttca gccgaagagc tatacagatt        480
agctggctag gttacgcctt tccatgctta ctcctagctt atatcggaca agcagcctat        540
attagtggtc atccggaaac atattcgaat ccatttttta atgccgcacc accgggcacg        600
gtctattctg cgctagtcat tgcaattcta gctgccattg ttgcctctca agccattaat        660
accgcaacct tttcagttct ga                                                 682


<210> 6992
<211> 658
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G


<400> 6992
ccggcgatga tatcccgctg atggattatc tgctccgtga gcaggagcgg attcagtcgc         60
gcgtgcgtcg ctaccagtcc ccggatgaat atcctttctt tccggatgtc cttgaggagc        120
cgatcctagc gccgctggag tatccgaaga tccttcatga caatgatgtg aacgtgaacg        180
ataccatcaa acggcgctac gtcgaggata ttctccctgc tgtctgtccg cagtttggac        240
gtgaggatcg tggtgagacg caggagaact atgggtcggc tgcgaccgcc gacgttagct        300
gtctgcaggc gctgtctcgg cgcattcact tcggcaagtt cgtggccgag tcgaagttcc        360
agaaggagcc ggagcgattc gtcaagatga tcaaggcgaa tgatcgggtt gggatcgatg        420
atgctattac cgacgcaaag gtcgagcgga aggtgctgga gagactggcg ctgaaggcga        480
agacttacgg aactgatccc gcattcccga cggagaccgg ctcgaagatc aacgtcgatg        540
ctgtggttgc catgtataag gaatatgtca ttcctttgac caaggtcgta tatgttgaaa        600
acttaagcaa cgcctgaagg gaaccattgg gagtanatga aggatggata aagattta         658


<210> 6993
<211> 730
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G


<400> 6993
gcttagaggt ggtgaaaagg gcggaaaggg tctacctcga agcatataca agtattctgc         60
tcgtcaacaa agagaaacta gaagctttct atggacgtcc tgttattgaa gcagaccgtg        120
aaaaggtcga gagcggaagc gatgagattc tcgctggagc agataaaaca gatgttgcat        180
tcctagtcgt cggcgatcct tttggcgcca ccaccatac ggacctcgtt ctgcgcgccc         240
gtgaactggg catcgaatct aaggtcatcc cgaacgcatc gatcatgtcc ggtattggtt        300
gcacgggact gcaattgtat aacttcggtc aaactgtcag catggttttc ttcacagaaa        360
actggaagcc ctcgtcatac tacgataaga ttaaggagaa catttcactg ggccttcaca        420
ccctcgtgct cttggacatt aaggtcaagg agcagtcgta cgagaacatg cccgaggac        480
gcctgatcta cgagcctccg agatatatga ccgttgcgca gtgcgccagt cagatgttgg        540
agaccgagga ggagcgcaag gaaggtgttt atggacctga cagcctcgcg gtcggagctg        600
cgagagttgg agccccggac cagaaattgg tcgtcgaac tctgaaggaa tnggcagagg         660
ttjagatggg cgcacctctt cacagtctcg gtcttctggg aaggaaggcg catgacttan        720
agaaggactt                                                               730


<210> 6994
<211> 664
<212> DNA
<213> Aspergillus oryzae


<220>
```

- 2481 -

<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 6994
ctcattcggc ttttatttcc atccaacttc tagactttac cccactatct atagatatcg   60
tcacaatgtg ccctggtgca gacaacgagc ccaatgggca cgcggcccct gccaatggca   120
atggcgaaca ccccggcttc actggcatcg agactcgcca gaaccctcac ccctccgcct   180
cccggaaccc ctatggccac aacgttggtg tgaccgactt tctgagcaac gtctcccggt   240
tcaagatcat tgagagtacc ctccgtgagg gtgaacagtt cgccaatgct ttctttgata   300
ccgaaaagaa gattgaaatc gctaaggctc tggatgattt cggtgtcgac tacatcgaac   360
ttaccagtcc ttgtgcctct gagcagtcga gacttgactg cgaggctatc tgcaagctcg   420
gcttgaaggc caagattctt actcacattc gatgccacat ggatgatgcc cgtgttgccg   480
tcgagactgg tgttgatgga gttgacgtcg tcatcggcac ttcgtcctac ctccgtgagc   540
actctcacgg caacgatatg acctacatca agaacactgc tattgaagtt attgaatatg   600
tcaagtcaaa gggcatcgag attcgattct ctagtgagga ctccttccgt tctgnactcg   660
gcga   664

<210> 6995
<211> 1409
<212> DNA
<213> Aspergillus oryzae

<400> 6995
gccttatgac gaaaagaccg gcattccgga tgtcgaagaa acctcgcctt caccagtcga   60
gtacgacgag gacacgccca ctgaggaaga gttggccact ctgcgccgtg tgccaggaag   120
cctcccgatt gtggcctatc tcatctgtgt ggtcgagttc tccgagcgag cttcgtacta   180
tggtgtttcg ggcctcgttt ccaacttcgt caatcgtccc ctgcccgtcg ggggcaatgg   240
ctacggtgca cctccgcggg gtacgcagca gacggctggc gccttgggca tgggcactgt   300
caaggccaac gccgtcaacc agtcgttcag catgttagca tacgcccttc ccatggtctt   360
cggctacctg tccgatgctc atacgggccg cttcaagatg atctactggg gtgttttcgt   420
tttcggtatc gctcatgtcc tgatggtggg agcgactgcg cccaatctcc ttgccaatgg   480
gggtgcgaaa gcgcccttct tcatctccct gtatatgttg tcggtcggtg ccgccatgtt   540
taagcccaat gtctcccccc tgctgttaga tcagatgccc aataccaagg cgaagatcaa   600
ggtgctgtcc aatggcgaaa aggttatcgt cgaccctgag gtcacgaccg agcgtgctat   660
gctctggttc tatctgctta tcaacattgg cggcttcatg caggtcgcta cctcctacgc   720
ggagaagtat gtcgggtggt ggttggcctt catcctgccg ctgttttgt atctcccgct   780
tccggccctc ttgttctggc tgcgtaaacg tctcgtgctc cacccccgg gcggcagtga   840
cttgctcaat gtctgccgtg tattgggcat ctgcctccgt ggcggcggta tcttgcgcat   900
tggacgccat ggcttctggg acgcggccaa gccgtccgtc atcgcagcga agggacagaa   960
cattcggact cattggaatg accaatttgt ggaggatgtc cgccgcacat tccaggcgac   1020
cggcatcttt tgcttcttcc ccatccagta catcaatgac aacggactgg gcaacgcggc   1080
gagctttttg tcgaccatgt tgaccacgaa cggcgtcccg aacgatgtca tcagcaactt   1140
caactctctc agtatcatcg cgtttgcccc cgtcctcaac tacgggttgt atcccctcct   1200
gcgtcacttt cacatccgat atgagccggt ggcccgtatc acaaccggac tggccctgtc   1260
tactattggt ggcatcggct acaccgttct gaactactac gcctacaaac tcggaccctg   1320
tggcaagtat ggctcttcgg acacctgcgt ggatgccgac ggagtttcct tggtggctcc   1380
aatcaccatt tggtggatgg ccattccct   1409

<210> 6996
<211> 671
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 6996

- 2482 -

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cataaatacg gtttcctctc ttgctgggga gttgatcact tactacatac tataacacca      60
gtgatagtat ttccatcaaa caaaaacaat ataattccaa agaaagtcac tcgctttagt     120
actcaagatg tggcagccaa gctctgcact tcttcttgtc gcgtcacttc tcactgctct     180
cccagtcaac gctgatgggc tgtacactaa aaaatcgcct gtgctgcagg tggatcacaa     240
gtcttatgat cggctcattg ccaagtccaa tcacgcatcg atcgtagaat tttacgctcc     300
ctggtgtggc cactgccaaa atctgaaacc tgcctacgag aaagcagcca agaacttgga     360
cggtttggcc aacgttgccg ctgtcaactg tgacgatgac gaaaacaaac ctctgtgtgg     420
ccggtttggt atacagggct tcccgaccct caagatagtg acaccttcca agaaacctgg     480
cgcaccaagg gtggaagatt accagggcca gaggaccgcc aaagctatag tcgatgcagt     540
ggtggaccgc atcccanacc atgtgaagag ggttacggac aaggacctgg acaaatggct     600
ttccgaagat gaaaaagccc cgaaagctat cctttttcacc gagaaaggca ccacgagtgc     660
tctcatcaaa g                                                         671


<210> 6997
<211> 702
<212> DNA
<213> Aspergillus oryzae


<400> 6997
ggatattgct ctatcctaat tctgcacgac gcggctggaa ggccgccaga ctctaagatc      60
tccttatatg tagaattgac ccaccaggct gtcacgacat tgacgatgct cttcatgcgc     120
gaccattgcc caatggcaac tatgaagtag gagtccatat cgcagatgta tcacatttcg     180
ttaaaccgaa taatgcgatg gacctcgagg ctagtctgcg tggcacaaca gtctatctag     240
tcgacaagcg tatcgatatg cttccacatt tgcttggtac cgatcttagt tcgctcaagc     300
cttacgtgga acgttatgct ttctcggttc tgtgggagat gactccaaat gctgaggttg     360
tctctacaga cttcaccaaa tccgtcattc gttctcgtga agcttttagt tacgagcagg     420
cccagatgcg cattgacgat ccatcgaaaa aagatgaatt aacggagagc atgcgcactt     480
tgcttcggtt ctccaagatt ctccgtcaga agcgtatgga cgcaggtgca ctgaacctgg     540
cctcgcctga agttcgtatc gaggccgata acgacgaggt tggagatcca cttacggatg     600
tcaagacaaa agctatgctc gcaaccaaca gtcttgttga agatttatgc ttcacgccaa     660
tatcactgtt gcagctaaaa tctacaggac catttcccac at                        702


<210> 6998
<211> 716
<212> DNA
<213> Aspergillus oryzae


<400> 6998
caaacctcac cgccagcgct ccagccttcg caaacctcgc actccatatc accgatcttc      60
agtaccaacc cgttcggact ggatcgatct caccatgtgg atcattaact ggttctacga     120
tgtcctggcc tccctcggcc tgctcaacaa gcacgccaag ctcctcttcc tcggcctcga     180
caatgccgga aagacgaccc ttctgcacat gttgaagaac gaccgggttg ccgttcttca     240
gcccaccgct catccgacgt cggaggagct cgctatcgga aacaaccgct tcactacctt     300
tgacttgggt ggtcaccagc aggcccgacg tctctggaag gactatttcc ccgaagtgag     360
cggtatcgtt ttcctcgttg acgccaagga ccacgagcgt ttccccgagt ccaaggccga     420
gctcgacgct ctcctcgcca tggaggagct cgccaaggtc cccttcctca ttctcggcaa     480
caagatcgac caccccgacg ccgtcagcga ggacgaactg agacaccagc tgggactcta     540
ccagaccaca ggaaagggca aggtgccact tgagggcatc cgaccgatcg aggtcttcat     600
gtgcagtgtt gtgatgagac agggttacgg cgagggtatc aggtggctgt cccaatacgt     660
ttaagcttga aaaacaaaaa ctcgcaggta accttggacc gaaacatttc caaagg         716


<210> 6999
<211> 710
<212> DNA
<213> Aspergillus oryzae


<400> 6999
cgaggcgtag aacctgccca caacgacaac aaccgccgac aacatacatc ccaagggagt      60
atcctagagc agcgctcttc ctttcgctgg atattttcgt gacagaagag caggatgtcc     120
tccaccgagc cagtcgtcgt cattgacggc aagggacacc ttcttggtcg tctggccagc     180
```

- 2483 -

```
actgtcgcta agcagttgct caatggtcag aagatcgtcg tcgtgaggtg tgaagccctc    240
aacatctccg gcgagttctt ccgcgcgaag ctcaagtacc acgcctacct tcgcaagatg    300
acccgtttca accctacccg cggaggtccc ttccacttcc gtgctccctc tcgcatcttc    360
tacaaggccg tccgtggaat gattccccac aagaccgccc gtggtgctgc tgccatggag    420
cgcctgaagg tcttcgaggg tgttcctcct ccctacgaca agaagaagcg tgtcgttgtt    480
ccccaggctc tccgtgtcct ccgtctccgc cccggccgca agtactgcac cgttggccgt    540
ctcagccacg aggttggctg gaagtaccag gacgttgtcg ccagactcga ggagcgcaga    600
aaggtcaaga gcagtgcata ctacgagcgc aagaagggcg ctcgccgcca actcgtccag    660
gcccagaagt cgggcggtgt cagcgacagg accaagagcc agcttgctca              710


<210> 7000
<211> 670
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 7000
tatttggtga tgcctctttt ccatgtccat ggcctgctag cagcattcct ggcgcctcta     60
tactctggag gatccgtcat tgtacctcca aagttctcgg cccatgaatt ctggtcagac    120
ttcgtagcct acaacgcgaa ctggtacaca gctgtgccta ctatccacca gattctgctt    180
aaaactcccc tgcccaatcc catccccaat atccgcttca tccgctcatg ttcctcacca    240
ttatccccca aaaccttcca ggatctggaa aagacgttca acgcgcccgt cctggaggcg    300
tacgcaatga ccgaagccgc tcaccagatg accagcaacc cacttccgcc cggaaagcgc    360
caacccggca gcgtcggcct cggacagggt gtagagatca agatcctcga tcaagatggc    420
aacgaggttc cccagggcaa ggaggccgag atttgcgtgc gcggtgagaa tgtaaccaag    480
gggtatctga caacccatc cgccaacaaa tcttcgttca ccaaggacgg gttcttccgc    540
acgggagacc agggtaagaa ggatccggac ggcaacgtga tcatcaccgg gcgtatcaaa    600
gagctcatca acaggggcgg agaaaagatc agccccatcg agcttgacaa cacgctccta    660
caccacccan                                                          670


<210> 7001
<211> 631
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 7001
cccaagtcgt caggatgtcg aagaatacca gaatttaaga gcggtagtaa atgagctagt     60
gggccgaatc aacggcaaat tcggaacggt ggactacatg cccatccact tcatgcacaa    120
gtcggtgagc ttcgacgaac ttattgctct atatgcggca tcagatgcct gcattgtttc    180
ttcgactcgc gacggaatga atctggtatc cttcgagtac atcgcaactc aacagaaacg    240
caaaggcgtt ctgatcttgt ctgaattcgc cggtgctgct cagagtctca atggaagcat    300
tgttgtcaat ccatggaaca ctgaggagct agcagaggcg tatcatgagg cggtttcaat    360
tagtgaagaa cagcgcgccg ttcaatttgc aaagctctac aagtatatct cgaaatacac    420
aagtgctttc tggggtcagt cgtttgtggc cgagatgtct caatgctcat cttgatagac    480
tagaatctat ctttccttcg ttctcttcag tctttctggg tacagtcaag cgtggcagtt    540
atgtttcttt tcgtgatggc atagcattcg attctaatac atagatctga tgactttctg    600
atgaggctta gcaacagtca tatgtttaat n                                  631


<210> 7002
<211> 666
<212> DNA
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<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 7002
gacagtctat ccaacaaccc ttctccaacg acctcttcgc cgttttcaaa cccacctttt   60
cctaccaaca acgccaatat cccctccaca atgcgtgaga tcgttcacct tcagaccggc   120
cagtgtggta accaaatagg tgccgctttc tggcaaacca tctctggcga gcacggcctt   180
gacggctccg gtgtttacaa tggctcctcc gatctccagc tggagcgtat gaacgtctac   240
ttcaacgagg ccagcggaaa caagtatgtc cctcgtgccg tcctcgttga tcttgagcct   300
ggtaccatgg acgccgtccg tgccggtccc ttcggtcagc tcttccgtcc cgacaacttc   360
gttttcggcc agtccggtgc tggtaacaac tgggccaagg gtcactacac cgagggtgcc   420
gaactcgttg accaggttgt cgatgttgtc cgtcgcgagg ctgagggctg cgactgcctc   480
cagggtttcc agattaccca ctccctcggt ggtggtaccg gtgccggtat gggtactctc   540
ctgatctcca agatccgtga gggagttccc cgaccgtatg atggccaacc ttttccgttg   600
tcccctcccn caaggtctcc gacacccgtg gttgagccct accacggcaa ctctttcggt   660
caacaa   666

<210> 7003
<211> 1354
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1354)
<223> n = A,T,C or G

<400> 7003
cttaagctcc cctggagact atcatcccgt tattgtcctt tgactgaacc catatcctaa   60
atttcttctc ttgttccctg atttctctct ctcccccgac tcaagccatt tatttcccct   120
cttaaccact ttattctctt ccctctccct ataatttaat cagtgccgtt gcacctgcac   180
catggccgaa atccgtcgca agcttgtcat cgtgggtgat ggtgcctgcg gtaagacttg   240
tctttgatt gtcttctcca agggtacctt ccctgaggtc tatgtcccca ctgtcttcga   300
gaactatgtt gccgatgtcg aggttgatgg caagcgtgtc gagctcgctc tttgggatac   360
ggctggtcag gaagattatg accgtctccg ccctctctcc taccccgact ctcacgtcat   420
cttgatctgc ttcgcggttg actcgcccga ttcccttgac aacgttcagg agaagtggat   480
ttccgaagtg cttcacttct gccagggact tcctattatt ctcgtcggat gcaagaagga   540
tcttcgcaac gaccccaaga ccattgaaga attgaccaag acctcccaga agccagtcac   600
cgccgaacag ggtgaggaag ttcgcaagaa gatcggagcc tacaagtacc tcgaatgctc   660
tgcacgaacc aacgagggtg tccgtgaggt cttcgaggct gccacccggg ctgctctctt   720
gaccaagact cacaagaaga agaaggggtg caccatcctg taaactagtt ttcgtctcct   780
tcacaaaagg tctgtgttta atgcggagat tatatgaacg gataagggtc tcgactattt   840
ggtgtttct tttactcaga aaggggtcct ccgttggcgt gttccgatct gtgcctggat   900
gcgagtgtgg ataaagttca atcacgggca cacgaggttt atgggattat ctggctatgc   960
agttggtcga ctttcttgtt ttgcagactt cttctatttt atttctaggg aagcgttgtc   1020
ttcataacct tgtgggtttt cttctctttt ccagctctcc gtacgcccac gaagcggttc   1080
gatcactatg gcagaggatg gctatttcgc tggcangaaa acagggtcat caatacctgg   1140
atagtgcaga tcggaaataa gctattgagg atggcgttgt ctcgtgtgtg tcccgtcagt   1200
caaggatctt cgggaggttg ataaagaaaa gtcgaaattt cgtgatacga tagatgattt   1260
ctatcacctt cggattttcc caacaggagn tctttattgc ctttgggtgt ggtggttttc   1320
gggtaaaaga atgcatggaa tcatttttgc tttt   1354

<210> 7004
<211> 592
<212> DNA
<213> Aspergillus oryzae

<400> 7004
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cccttgagga tgaacttgat gtcactgatg gtatgcgttt cgaccgcggt tacacctccc      60
cttacttcat caccgatacc aagtcccaga aggtcgagtt cgagaagccc ttgatcctcc     120
tttccgagaa gaagatctcc gctgttcagg atatcattcc cgcccttgag gcctccacta     180
ccctccgccg ccctctcgtc atcattgctg aggacattga gggtgaggct ctcgccgtct     240
gcattctgaa caagctccgt ggtcagctcc aggttgctgc cgtcaaggct cctggctttg     300
gtgacaaccg caagagcatc cttggtgatc ttggtgttct cactaacggt actgtcttta     360
ccgatgagct cgacatcaag cttgagaagc ttacccctga catgctcggt tccactggct     420
ccatcactat cactaaggag gacactatca tcctgaacgg tgagggtacc aaggactcca     480
tcgctcagcg ctgtgagcag atccgtggtg tcatggctga ccccaccact tccgaatatg     540
agaaggagaa gctccaggag cgtctggcca aactttccg gtgggtgtgg tt               592
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<210> 7005
<211> 773
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 7005
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caattcggcc caaggggcca ccaaggcctc ggttgatttc ttgaacaagt tggctgttgt     120
taacctgaac ggtggcttgg gtacttccat gggttgcgtt ggccccaagt cagtcattga     180
ggtccgtgag ggcatgtcct tcctggatct gtccgttcgc cagatcgagc acctgaaccg     240
cactttcaac gtcaacgttc ccttcgtcct gatgaactcc ttcaacaccg accaggacac     300
tcagtccatc atcaagaaat accagggcca caacgttgat atccttacct tcaaccagtc     360
tcgctacccc cgtatcatca aggactctct tctccccgct cctaagagct ttgatgcacc     420
tctgcaggac tggtatcccc caggccatgg tgatgtcttt gagtccctgt acaactctgg     480
cactcttgac aagctcttgg aacgtggtgt ggagtacaat cttctgtcca acgccgacaa     540
cttgggtgct gtggtcgacc ttcgcatctt gcagcacatg gttgataccg agtctgagta     600
catcatgnga attgactgat aagaccaagg ccgatgtgaa aggtggtact atcatcgact     660
acgagggcaa ggctcgtctc ttggaaatcg ctcaggtccc taaggaacac gtaacgagtt     720
caagtttatt aagaaattta agtctttcaa cacaaaacaa attttggatg act            773
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<210> 7006
<211> 1192
<212> DNA
<213> Aspergillus oryzae

<400> 7006
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cattcacaat gttcgctgct cgccagtctt tcaacctcct ccagaagcgc gccttctccg     120
cctctgccag ccaggcttcc aaggttgccg ttcttggtgc cgctggtggc attggccagc     180
ctctctccct tctcctcaag ctcaacccccc gtgtttctga gcttgccctc tacgatatcc     240
gcggtggccc tggtgttgcc gctgacctga gccacatcaa caccaacagc accgtctctg     300
gctacgaggc taccccctct ggcctccgtg atgctctcaa gggctccgag atcgtcctca     360
tcctgcggg tgttcctcgc aagcccggca tgacccgtga cgacctgttc aacaccaacg     420
cctcattgt ccgcgacctt gctaaagccg ccgccgaggc ttcccccgag gccaacatcc     480
tcgtcatctc caacccttgt aactccaccg tcccatcgt ctctgaggtc ttcaagtcca     540
agggtgtcta caaccccaag cgtctcttcg gtgtcactac ccttgacgtt gtccgtgcct     600
ctcgcttcat ctcccaggtt cagaagaccg accctccaa cgaggccgtc actgtcgtcg     660
gtggtcactc cggtgtgacc attgtccctc ttctctccca gtccagccac cccagcattg     720
agggtaagac ccgcgatgag ctcgtcaacc gcatccagtt cggtggtgat gaggttgtta     780
aggccaagga tggtgctggc tctgccaccc tctccatggc catggctggt gctcgcatgg     840
ctgagtccct cctgaaggcc gcccagggtg agaagggtgt cgttgagccc actttcgtcg     900
acagccctct ctacaaggac cagggtgttg acttcttcgc ctccaaggtc gagctcggcc     960
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ccaacggtgt tgagaagatc ctccccgttg gccaggtcaa cgcctacgag gagaagctcc      1020
tcgaggcctg ccttggtgac ctcaagaaga acatccagaa gggtattgac ttcgtcaagg      1080
ccaacccttta aattactctc ataagggaaa ctaggccgtc tgcagctctt ttcctcctgt     1140
ataacagtct tgtgtatgac attttaccgc ctattaccca tcgcgtatgc tt             1192
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<210> 7007
<211> 965
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(965)
<223> n = A,T,C or G

<400> 7007
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ggaaggcgga gctaaaaaag cgcaccgggc atctcaagct ttgtcggata tataccccgg      120
ggtcgaatct accggatatg ctctatcagt gccgatggct ggccaccccg tattagatgc      180
tgaaaaaacc cgacgggagt ttgaacaact tgagagactg atatgtgagc atgatgtcat      240
ctttcttctg atggatacac gggaatcccg ttggttacca acagtcatgg gaaaggcagc      300
gggaaaaatt gtgatgaatg ctgcgttggg gtttgactcc ttcgttgtca tgcgtcatgg      360
tgtgaaggtt gcagaaaacc cagcagcaga gctcggttgc tactttttgca atgatattgt      420
tgcgccagtg aattccataa aagaccagac gctggaccaa cagtgcactg tgactaggcc      480
tggtgtggcc gcgatagctt ccgccttatt ggttgagctg ctaatttcta tacttcaaca      540
tcctctgggt gctgcagccc cagctccggc ctcaaggaat gatgatcgag gtagtcatcc      600
cctaggactc gtgccccatc agatcagagg tttccttttca catttgaga atttatgcgt      660
agtgggcagg agctacaaat gctgtagcgc ttgctcagag actattgttg acacgtacaa      720
ggagaaaggc tgggattttg tgcaaaaggc tttgaatgag actggatacg tggaaaacct      780
gagcggtctt aaggaggttc aaacaatcgc tgaagccaca gctgccgata ttgagtggga      840
tgatacctct ggcaccgatg atgagttaga ggccatgtga actagcggat gatngtacgt      900
actcttnttg aggcgagttc tttgagcttg tagacttgcg cgaaaatcat tggttcaaga      960
aaaaa                                                                 965
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<210> 7008
<211> 926
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(926)
<223> n = A,T,C or G

<400> 7008
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cgccttgttt ggtcttgcgt ctgatctccg ataatattct cccttccatg tccttctatc      120
cttagagatc ctttgcgcac ccttttccac agtccttcta cgtaaaataa ttgcgacttt      180
ccctccgcta cccctgatcc taccattact tctaccaagt ttctcttgtc acaatggcat      240
ccacttccgc tgtagggtcg tattcgaacc ctttgaaaaa gttcaagctg gtgttcttgg      300
gagagcagag cgttggcaaa acgtccctga ttacgagatt catgtacgac tcattcgaca      360
atacatatca agcgaccatc ggaatcgact ttctgtcaaa gactatgtac ctagaggaca      420
ggactgtccg actccagctt tgggatacag ccggtcaaga aagattcagg tcgttgattc      480
cttcctacat tcgggattcg agcgttgctg ttgttgttta cgatatttca aacgccaagt      540
ccttccagaa tacccggaaa tggattgacg acgtacgagg ggagcgtggc aatgatgtta      600
tcattgttct agttggcaac aagactgatc ttaacgacaa gcgcgaggtc accaccgcgc      660
agggtgaaga ggaggctaag aagaacgggt tgatgtttat cgagactagc gccaggttg      720
gtcataacgt caagcaactt ttccggcgga tagcccaagc tctaccaggc atggaaggcg      780
aaggtagtan aggagagagc caagtgatcg atgtgaacat caacccaaaa gagaccacaa      840
ccaacgatgg atgcgcatgc tgaaagctgt aatgtactac ctggtcggca ttttttcgatt      900
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- 2487 -

acgttcacca atttgttccc tcgacg   926

<210> 7009
<211> 990
<212> DNA
<213> Aspergillus oryzae

<400> 7009
gtcccccttc aacctttata ttacctttac gatacccacg ttatcgttaa ctactcctct   60
cacattcata atgtctgctc ctgcttcttt ctctgacatc gccaaggcgg ccaacgatct   120
ccttaacaag gatttctacc acaccagcgc tgccagcctt gaggttaagt ccaaggctcc   180
caatggcgtc accttcaacg tgaagggcaa gaacgcccac gagggtccca tcgctggctc   240
tctcgaggcc aagtacgtcg acaagcctac tggcctcacc ctcacccagg catggaccac   300
tgccaacgcc ctcgacacca agctcgagct cgacaacaac attgccaacg tctcaaggc   360
cgagatcctc acccagtacc agccttccaa gcagtccaag ggtgctaagg tcaaccttca   420
cttcaagcag cccaacctgc acgcccgtgc cttcttcgac ctcctgaacg gcccctccgc   480
caacttcgac gctgtccttg gccacgaggg cttcctcgtt ggtgctgagg gtggctacga   540
cgtccagaag gctgccatca ccaagtactc cgctgccatt ggctacagcg ttccccagta   600
ctccgctgcc atcaccgcta gcaacaacct gtccgtcttc gctgccagct actaccaccg   660
cgtcaacgct caggttgagg ctggtgctaa ggctacctgg gactccaaga ccggcaactc   720
tgtcggcctt gaggttgcca gcaagtacag actcgacccc tcttccttcg ccaaggccaa   780
gatcaacgac cgtggtgtcg ccgctctggc ttacaacgtt ctgctccgcc ctggagtcac   840
ccttggcctt ggtgcttcct tcgatacccaa gaacctgaac caggctggcc acaaggtcgg   900
tgccagcttc accttcgagg cttaaacgag tctctctgta ctatctctcc acgccttaaa   960
taccgcgttc cgctagcttg aggataacaa   990

<210> 7010
<211> 690
<212> DNA
<213> Aspergillus oryzae

<400> 7010
cccaccttca tggatgctgt ctcgcggtga atatgacttt ggcaagctcc acgaagttgt   60
gcaggtactg gttcgtaacc tgaacaagat catcgatatc aattactacc ctgtccctga   120
ggccaagaac agcaacatgc gtcaccgccc cattgctctt ggtgtcaatg gtctggctga   180
tgccttcctt gcccttcgtt tgccattcga ctcacccgag gcgaagcagc taaacaccca   240
aatcttcgag accatctacc acggagcttt gactgcttca tctgacctgg ccaaggactt   300
cggaacgtac gagtcatatg aaggctctcc cgtctcccat ggcattcttc agtacgacat   360
gtgggaccgg acccccactg atctctggga ctgggacgct ctcaaagcga aaatcgccca   420
taccggggtg cgcaacagct tgctagtggc gcccatgccg acccgaagca ccagtcagat   480
cttgggcttc aacgaatggc ttgagccttt acccttcgac atttactccc ggcgtgttct   540
tgctggtgaa ttccaggtcg tcaacccctg gcttctcaag gacttgggcc accttggtct   600
gtggttggac aacattagaa accgatcatt gccgaggggg gttcattcta aaaatttcta   660
aaataaaccc ggatataaag gccttctaaa   690

<210> 7011
<211> 741
<212> DNA
<213> Aspergillus oryzae

<400> 7011
cgacaaaccg gttctcaacg gcaaacagtc aagatgcctt tccacaagca agtcaagaac   60
agcgcttact acagccgcta ccagaccaag taccgccgtc gcagagaggg caagactgat   120
tactatgccc gtaagcgcct gatcacccag gccaagaaca agtacaacgc tcccaagtac   180
cgcctcgttg tccgcttcac caaccgcgac atcatcaccc agatcgtcta ctctgagatc   240
tccggtgaca aggttttcgc cagcgcctac gcccacgagc tcaagcgcta tggcatcacc   300
aacggtctga ccaactggc tgccgcttac gccaccggtc tcctccttgc ccgccgtacc   360
ctcaagaagc tgggcattga cgagcagttc cccggtgttg aggaggctga tggtgagtac   420
tctctcaccg aggccgttga ccgatgac ggtgagcgcc gtcccttcaa ggccttgctt   480
gatgtcggtc ttgcccgtac ctccaccggg gccccgtgtc ttcgctgcca tgaagggtgc   540

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ctccgacggt ggtatcctcg tcccccactc cgagaaccgc ttccccggtt acgacattga    600
gaccgaggag ctcgatgctg agactcttcg caactacatc ttcggtggcc acgtcgccga    660
gtacatggag ggtcttgccg acgacgatga agaagcgtac cgcggcagtt ccacaagtac    720
cttgagaaac gaggtggagg c                                              741


<210> 7012
<211> 680
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(680)
<223> n = A,T,C or G

<400> 7012
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ttccatccca ctgcgacccg acctcctatc ataacatcat ggccagcaca atagcacgtt    120
ctgaggagcg ccagaacgcc ggcaccatcg agcttaaaga tgacactgtc attgtagtac    180
ttggtgcatc gggagatctc gcgaagaaga agacgttccc ggcacttttc ggcctttacc    240
gtaacaagtt ccttcccaag ggaattaaga ttgtcggcta tgcccggaca aacatggacc    300
acgaagaata tctgagacgt gtgcggtcgt atattaagac ccccactaag gaaattgaag    360
agcagctgga cagcttctgc caactatgct cctacgtctc gggccaatac gacaaggatg    420
agtctttcca aaacctcact agacaccttt gagatatcga gaagggtcac aaggagcaga    480
accgngtctt ctacatggct ctcccccag cggctttact actgngtccg gacattaaag    540
agaaactgct accccaagaa cggtgccgct cgtataattc ggcgagaagc cattcgttaa    600
agacccttca aagctttcgg gatctccaga agcccttcaa ccaatttgaa ggaagagaag    660
atttccccat tgcccactac                                                680


<210> 7013
<211> 736
<212> DNA
<213> Aspergillus oryzae

<400> 7013
cttattacat ggttatttgg catcattctt tacttcctca gcgccaccct ttcgtttcac     60
ttcatctacg acaagcgcgc catgaagcat ccaaaattcc tacgtaacca gatttccatg    120
gagatcgcgc aagccgtgaa cgcaatgccc gtgatggcag ccctcactgt tccatttttc    180
ctggctgaag tccggggata cacaaagctg tacgatttct ccagccaggc gccgtttccg    240
ctttacacat acctccaata tcctatcttc attgcgttca ccgacttcgg aatctattgg    300
attcatcgcg gagagcatca tcccaaggtc tataagcatc tacacaagcc ccatcacaag    360
tggatcatct cgactccgtt tgccagctac gcctttcacc cggtggatgg gtgggcacag    420
agcctgtcat accacgtctt tcctatcctg ttccctctcc agaaagtcgc ctacctgggc    480
ctgtttgtgt ttgtgacaat ctggactgtt atgatccatg atggagagta tgctctggac    540
tcacctgttg tgaacggttc cgcctgtcat actattcacc actactattt caattacaac    600
tacggccaat ttctgaccat ctgggaccgt attggaggaa gctatagaaa gccaaatcgg    660
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atggagaaac tcgtca                                                    736


<210> 7014
<211> 933
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(933)
<223> n = A,T,C or G

<400> 7014
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ccgaagatca cttctaaggt gtacttcgac attgagcacg gcaataagcc tctgggcaga     180
gtggtgctcg gattgtatgg caagaccgtt cccaagaccg ccgagaactt ccgggctctc     240
gctaccggcg agaagggctt tggttatgag ggctctacct tccaccgtgt cattaaggag     300
ttcatgatcc agggtggtga cttcacccgc ggtgatggca ctggcggaaa gtctatctat     360
ggcgaaaagt tcaaggatga gaacttcaag attaggcaca ccaagaaggg actcctgagc     420
atggccaacg ccggcaagga taccaacggc tctcagttct tcatcactac tgtggctact     480
ccatggctcg atggccgcca cgttgttttc ggcgaggtcc ttgagggtta tgaggtggtt     540
gaagccatcg aaaacgttcc caaggttcct ggtgacaagc cccaacaggt ggtcaagatc     600
gtcaagagtg gagagctgga gtctgaggac aaaggtagcc acgaggagct gtagaccttc     660
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cctacacccg catcagctag tgcttatgct tcctcttact ctcttntcgg atttgtagta     840
ttccttggtg ccgntgccct tatagtgatc tctngttcga acgtctgcan ggcactgtgc     900
cagtgcanat caaatgatga gacaagcatt gtt                                 933


<210> 7015
<211> 1015
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1015)
<223> n = A,T,C or G

<400> 7015
ctgcgtgttg atctacagcc gaagaatctt ttcatagatt gagccagtcc gtgcctacat      60
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ctgccatcgt tattggcttg tttgttgcct ttggtggtgt tttgttcggt tatgataccg     180
gcaccatcag tggcatcctt gccatgcctt actggcgcaa gctgttctcc acgggctata     240
tcaacccgtc agacaactat cccgatgtga cctcctctca atcctccatg atcggggctc     300
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gtcgtcggct tgctatgatc atcaacacat ttgttttctg ctttggtgtc atccttcaga     420
ccgctgctac tgctatcccg ttatttgttg cgggaagatt ctttgcaggc ctaggtgttg     480
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gtaccatcgt tggtgcctac cagctggcta tcaccattgg attgctcctt gctgccatcg     600
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tcgatgtcca tgatcccgcc attgtggagg agctggctga gatccaggcc gaccatgaat     840
atgaactcag tgtgggcaat gccagctacc tctccattct tcgagggagt atcggcaagc     900
gactggccca ctggctgtgc cgctcaaggt ttgcaacaac tggctggagt caaattcatg     960
cttgtatacg gaaactactt tcttttaaca ccttcgggta aacggaccga tttat         1015


<210> 7016
<211> 1000
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1000)
<223> n = A,T,C or G

<400> 7016
gtggatcgcg cgagagccat gggacggttt gcatcatagg ctatggaggt cgcggctaaa      60
cctgcgcata ggggtatgag actctgatac acctgcactt aggggaatca cgcctggctg     120
cacctgcact tagaggtata gtcgcctttc cgctatgcat ttttttact tgatatctcg     180
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- 2490 -

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gtgaattctc tggctcgctt ggctcatgcc caccatctat ctcattctcg taaattcttt     240
gttctctatt taaactcgct cttcctcgct ctcgagccct tggtttccct ctcccgctct     300
catatcaggt ctgaccgtaa tcaacatccc ctcctttgtc ccaccataac cactatatcc     360
caccgtcatt tctccctgaa tagattcttt tcttgcctaa catggcggtc aacggcacaa     420
acggcacatc caagaccaat ggtcacagtg taaacaacgg cactagtgcc taccacgccg     480
cctccaccca agaggcgatt caagctgaga gtgattttgc cgctcacaac tatcatcctc     540
tccccgtcgt cttcgctcgg gctcagggca cctcggtctg ggaccccgag ggtcgtcact     600
accttgactt cctgtccgca tactctgcgg tcaaccaagg ccactgccac cctaagctgg     660
tggctgctct cgttgagcag gcgtcgcggg tcactctgag ctctcgtgct ttttataacg     720
atgtcttccc acgtttcgcc caatttgtca ctcaatactt cggcttcgat atggttctgc     780
ccatgaacac gggcgccgag gctgtcgaga ccggtattaa gatcgctcgt aagtggggat     840
acaaggttaa gggtattccg gagaaccagg cggtcgtctt gagtgcggag aacaacttcc     900
acggtcgtac atttgccgcc atctccctgt catctgaccc cgagtcgcgt gacaactatg     960
ggtcttacct cccggcatcg gntgcaacat cccccgcacc                          1000


<210> 7017
<211> 663
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G

<400> 7017
aaatacttca ttagtgcaca tatatcaacc accttcttca ttatactgcc gaaatagtcc      60
agcatgttca tcgcgcgatc ggaatatgac cgtggaatta acaccttctc ccccgaagga     120
cgtttattcc aggtcgaata ctctcttgaa gctatcaaac taggttcgac agcgatcggt     180
gtcgcaacca acgaaggtgt catcctgggc gttgagaagc gtgtcacatc tactctcctt     240
gaagcctctt ccgtcgaaaa gattgtcgag attgatcagc acatcggctg tgctatgtcc     300
ggtctgcagg cagatgcccg gaacctcgtt gagcatgccc gcgttgagtg ccaaaaccat     360
gccttccact atgccgaacc actgcgagtt gagagctgca cccaggctat ttgcgatttg     420
gccttgagat tcggagagac tggagacgac gaggaaagcg tcatgagtag gccttttggt     480
gttgctttgt taattgcggg tttcgatgag gatggccctc aactatatca tgccgagcca     540
tccggtacat tctaccgata cgacgcgaag gccatcggat ccggaagcga gggtgcgcaa     600
gcggaactgc aaaacgaata tcaccgntcc ctcactctag aagaagcgga gacactggtc     660
ctt                                                                    663


<210> 7018
<211> 1143
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1143)
<223> n = A,T,C or G

<400> 7018
cttcccccac acatccacat ctctcttgcc tttgaacaaa ctctgcacat ttccctccga      60
atccacttac actcaagttc aacaccatgg cggcagctat taaggaaacc gtatccaacc     120
tgctccatgg tcattccgac aacactcctc gtcagccttc ccctgaagag ttccatcaac     180
tacaacagaa gtataccgat gccgggcagg acatgtctt caaattcgtc aatcaattaa     240
accaggtcga gaaggctcag ctcttccatc agctgagcaa cttcgaccct aaccggatca     300
atgaactggc cgacaaggtc ctgaaccccg ccaaaactca ggatggtccc gttaccctcg     360
aatccctcc tgaagtggct actgctcta taatggactc cgaccgaag gacattcagc     420
ggtggtacga tgaaggtctc caggcggtgt cggagaacaa ggttgccgtg gtcttgatgg     480
ctggtggaca gggtacccgc ttgggaagct cagcacccaa gggctgcttc gatattggtc     540
tacccagtca gaagtccctc ttccagattc aggcagagcg tattgccaag ctccagctct     600
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- 2491 -

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tggcacaagg aacttccggc aaggaagcca ttatcccttg gtatgtcatg accagcgggc      660
ctacccgcaa gcccacggag gagttcttcg agcagcacaa gtattttgga ctggacaaga      720
agaacgtcgt catcttcgaa cagggtgtcc tgccctgcat ttccaatgag ggtaagattt      780
tgctggagac caagtctaag gctgctgttg cccctgatgg aaatggcgga atctaccaag      840
ccctcattac ctctggagtg cgtgaagaca tgcggaagcg tggtattgaa cacattcaca      900
cttactgcgt cgataactgc ctagtcaagg ttgccgaccc cgtcttcatt ggtttcgccg      960
cttccaagaa agtcgatatt gctaccaagg tggtccgtaa gcgcaatgct accgagtcgg     1020
tcggcttgat ccttcagaag aacggcaagc ctgatgtggt cgagtactcc gaaatcgaca     1080
aggagacngc cgangctaag gacccncagc agnctgacgt gctgaagttc cgtgccggca     1140
cat                                                                   1143


<210> 7019
<211> 813
<212> DNA
<213> Aspergillus oryzae


<400> 7019
attgttttac caactgcctt gctcccttg ctaaggttat caacgacaac ttcggtctcg      60
ttgagggtct catgaccact gtccactcct acactgctac ccagaagact gtcgatgctc      120
cctccgccaa ggactggcgt ggtggacgta ccgccgctca taacatcatc cccagctcca      180
ctggtgctgc caaggctgtc ggcaaggtca ttccttctct taacggcaag ctcactggta      240
tgtccatgcg tgtgcccacc gccaacgtct ctgttgtcga cctcacctgc cgtaccgaga      300
aggccgtcac ctacgaggac atcaagaaga ccatcaaggc tgcttccgaa gagggcgagc      360
tcaagggcat tcttggatac actgaggacg acattgtctc cactgacctg atcggagatg      420
cccactcctc catcttcgat gcctaggccg ggttttcgcc ttcacgagca ctttatcaag      480
ctcgtctctt gatacgacaa ccagtggggc tactcccgcc gtgttgttga cctcattgcc      540
tacatctcca aggtcgatgg ccagtaggaa tcaggacaga gaccagaaac tagaagtgtt      600
ctataaacaa aacactctag tcccctgact gtgtcccaag ttcccggatt atcaggtcac      660
caccccttga aattgacctg tgggataaca aagtgccctg ttgaccgggg atctacatat      720
cgcataaaaa gcatatgata acgtacttat ttaatgaaat gatttgacgt ttaaaaaaaa      780
aaaaaaaaaa attcctgcgg ccgcgaattc ttc                                  813


<210> 7020
<211> 834
<212> DNA
<213> Aspergillus oryzae


<400> 7020
gtaccgtggc catcttgaca acatctccaa caacatgctc attggtgccg tcaacgccga      60
gaacggtgag gctaacaagg tcaagaacgc tttcactggt gaatacgacg ctgtccctgc      120
tactgcccgt gactacaagg ctcgtggcgt caagtgggtt gtcattggtg actggaacta      180
cggtgagggt agctctcgtg agcacgctgc tctggagcct agacaccttg gtggtcttgc      240
tatcatcact cgcagcttcg cccgtatcca cgagaccaac cttaagaagc agggtatgct      300
tccctgacc ttcgctgagc ctgccgacta tgacaagatc cagcccgacg acaaggttga      360
cctgctctgc accgagctcg aggtcggcaa gcccatgact ctccgcgtcc accccaagga      420
tggcaagacc ttcgacatca agctcaacca caccttcaac gagtcccaga tcgagtggtt      480
caaggacggt tctgccctca acaccatggc ccgcaagggt ggcaactaag tttgccgcaa      540
cgtgggttag cgctggggtc aacattggtc cgtttgtaaa ttatactgta tatgtttcta      600
aaactcaata agaaacatat cagcttagtg ccttgccatg cggcttagca cgttgagaat      660
gagtggcagc tctggggatg ttaacggctg cttatagtat ttctaccagg gatattgcgg      720
agtcaaattt caaaatttaa cgacctggtt actttggtat ctcccacatt ggtggaccct      780
ttttgaattc gggggggact atatggatat tagcctaaat cttttttcct dddd           834


<210> 7021
<211> 653
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
```

- 2492 -

<222> (1)...(653)
<223> n = A,T,C or G

<400> 7021
gataccatct atgaaaatga cgacaacgtg gcagctgctg gtgttgctca gccgggtgcc   60
cattacgttc atggcggcat gagctatcgc accacccact cgccacccag tcagctgcct   120
ccaagccatg ctacggccac cacttccgca ggccccatta tggctaatcc tgcgacccat   180
tcgccgactg ggacacccgc actcacacca ccctcgagcg cgcaatcgta tacctctggt   240
cggtcgccca tctccctgcc gtcaacaagc cgggtatctc ctcctcatca cgaatgtggc   300
tcaagcatgt accccogcct tccatcggct actatgtctg acagcatggc cgctggctac   360
ccgaccacat caagcgcagc tcctccgtcc actcttggtg gtatctatga ccatgatgat   420
cgtcgccggt ataccggtgg caccttacaa cgcgcaaggc cagacgagcg tcatctacct   480
gagccaatgg atctgactca tgatnataac gatgactgat agcggacacc aactgccaag   540
ccgcgtcaag caccctcgtc acccggtcgc atctccgcta gcttgaatga ccctgctctt   600
tccggctcgg caaacgaagc agagacgatg ccgacggtcc agccgcgact gag   653

<210> 7022
<211> 689
<212> DNA
<213> Aspergillus oryzae

<400> 7022
gagatgagcg ttttcggcta ttttttccat cggcttctgg gtcacgaggt cgccgctgca   60
ccaatgaaga cacaaatgcc taagaagttc agtgtccctg gacttccaga actaaatggt   120
agccagatta atgcagtcaa gagtgtgcta cagaggcctc tgagtctcat tcagggacct   180
cccggaaccg gaaagactgt cacctccgct accatcattt atcatcttgc caaacttaat   240
ggaggtcagg tcctagtctg cgctccttcc aacgtcgctg ttgatcaact ctgcgagcgt   300
atccacagaa caggtttgaa gacagtgcgt gtaaccgcca aatctcgcga agatgtggaa   360
tctcccgttg gcttcttgtc cctgcatgag caagttcgcc tgaatgacag caatattgaa   420
ctcctgaagc ttaaccagct taaggcggaa ctcggggagt tgtcaagtca agacgaaaag   480
cgactgaaac agctcacgcg ttcagcggag cgcgagattc tgaacaacgc tgacgttatc   540
tgctgcactt gcgtcggtgc cggtgaccct tctttcgcga aactaaagtt ccgcctggtt   600
taattgacga aattactcta tcatccgaac cggagtgttt gatctccgtg ggttttagga   660
tgcaagcagg atggtctccg atgggaact   689

<210> 7023
<211> 1189
<212> DNA
<213> Aspergillus oryzae

<400> 7023
ttcccgtcat caccactgcg acaagcgcca gtcgattgat atattcaatt cgctgttcat   60
tgcaatatca atcgcccacc atggcccccT ctcagcttcc cccgatcttc aaccccaccc   120
agcaggacat tgagcagctg ctcgctgctc agtgccacct gggttccaag aacctccagg   180
tgcacatgga gccttacctc tggaagactc gccctgacgg tgtcaatgtc atcaacattg   240
gcaagacctg ggagaagatc cttttggctg cccgtatcat tgcggctgtc gagaatcccg   300
ccgatatctg tgtgatctcc gctcgtcctt atggtcagcg tgctgtcctg aagttcgctg   360
cccacaccgg tgccaccgcc atcgccggcc gtttcacccc cggtaacttc accaactaca   420
tcacccgctc tttcaaggag ccccgtctca tcatcgttac cgaccctcgc accgactctc   480
aggccatcaa ggaggctagc tacgtcaaca tccccgtcct cgctctttgc gacactgact   540
cccccaacga cttcgttgac gttgctatcc ccacaacaa caagggtcgt cactccatcg   600
gtctggtttg gtggatgctt gccgtgagg tcctccgtct ccgcggtacc ctcgctaccc   660
gcgagaccga gtgggatgtc gttcctgacc tctacttcta ccgcgaccct gaggcgagg   720
agaacaagga gatcgccgat gagtccaagg ttgctactgc cgaggaggtc ggtgcggtg   780
ccattgagtc tggcttcgct ggtgagaact gggacaccca gggtgctggt gctggtgttc   840
ctggcactgc tttcgctgct gctagcgctg ctggtcctac cagctgggag gctgatggtg   900
ccgactgggc cgccagctcc gctcctgccg ctgctggtga gagctggct gagaccag   960
ctgctgaggg caagtggtaa ataaaatgaa tagcgacaat ggacagctgt tacgaggggc   1020
atgagttttt tctgcgaaaa ttggcgctga ggaggactga cgtttatat tttctcttca   1080
cccatgatct gacgagtaac cgacagcatc tcccgcaaag aaaaattctc ttgacatgtc   1140

2493 -

tatcctaagc tctgtttgaa aacttcctat ttcaaagcca gaagaaaaa   1189

<210> 7024
<211> 1047
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1047)
<223> n = A,T,C or G

<400> 7024
tggaaagacc gaactctgca agaagatggc cgagtttttg ttttccaccg agacagccgt   60
tgtgagattt gacatgagtg aattccaaga aaaacacacg atcagtcgct taatcggttc   120
tcccgccggc tacgtgggct atgacgatgc cggccagctc acagaagccg tcagacggaa   180
gccgtatgcg gtccttttgt tcgatgaatt tgagaaagct catcgtgaca tatctgcctt   240
actgcttcaa gttttggatg agggcttcct cacggatgct caggacaca ggttgattt   300
cagaaatacc cttattgtcc tcacctctaa cctgggagcg gatatccttg tgggctcgga   360
tcccctgcat actctcaaac agacggataa tgacgagatt tcccctgata ccaagaaagc   420
agtcatggat gttgtgcaac atgcatatcc cccagagttc ctcaatcgga tcgatgaatt   480
tattatattc aagagacttt ctcgggaagc tcttagggac attgttgata tcagactcaa   540
agagcttcaa tcaaggctcg acgatagaag gatgacactg caggtggaca gtgagatcaa   600
ggactggctt tgcgaaaaag ggtacgaccc tagatatggt gcccgtcccc tcaaccgcct   660
aatcgcaaag gaaatcggca acaggttggc cgataaaatc atccgtggtg aagttacctc   720
tggacaaacc gcccatgttt cattcaacgc cgacaagagt gggcttgaag ttactgcgga   780
aggaacaaag actgaagatg caacaaatgc aacgtaccca acagagaccg aaaacccata   840
aatgtgtgag atgaattctt gatcttggtc ttggtctttt cttttcttca ctggagtcag   900
ataacccaag caggttcggt aggttgggga atatggtgtn ggaacgtctt tcttaatgat   960
gtctatgtat attaacgaga tctccgcttt tggtgtacat tactacaggg taactagaaa   1020
catatgtata tgaaatttct atgaaaa   1047

<210> 7025
<211> 1392
<212> DNA
<213> Aspergillus oryzae

<400> 7025
cccacccttt ccctttcccc tttcctcccc tcttagctta tttacccctc tttccctgct   60
ttgaacccag tgttctttcc tccctccacc accacccac actgacgctc tctctccatt   120
tctctatctt ccttattctt caaaccttcc aaatcgctaa cccatctcct cttataacgg   180
aacagactaa ctcaattgtt tgattcgaga atctcgtcca tcatggtcaa agctgcggta   240
cttggagctt ctggtggcat tggccagcca ctgtctctcc tgttgaagac ctgtccctta   300
gttgaagagc ttgctctcta cgatgttgtg aacacccctg gtgttgctgc tgatctatcc   360
cacatctcgt ctatcgctaa aatctctggt tttctgccca agatgatgg gctgaagcag   420
gcccttactg gtgctaatat tgttgtcatc ccggctggta ttccccgcaa gcctggtatg   480
acccgtgacg acctcttcaa gatcaacgcc ggcatagtgc gagacttggt caagggtatc   540
gccgagttct gccccaaggc ctttgttctg gttatctcaa accccgttaa ttctactgtt   600
cctattgctg cagaggtgct caaagccgct ggcgtctttg acccgaagcg cctctttggt   660
gtcaccacac tggacgtcgt tcgtgcagag actttcaccc aagagttctc gggccagaag   720
gatccttctg ctgttcaaat cccagttgtt ggtggccact ctggagagac cattgtccc   780
ctcttcagca agactaccc cgcaattcag atacccgagg agaagtatga cgcactgatc   840
cacggcgtcc aatttggtgg agatgaggtg gtccaagcta aggacggtgc tggttccgcc   900
acttgtctat ggcctatgc cggttacagg ttcgctgaga gtgtaatcaa agcttcaaag   960
ggtcaaacgg gtattgtcga gcctaccttc gtctacctgc ctggaattcc cggcggtgat   1020
gagatcgtta aggcaactgg catggaattc ttctctactc ttgtaacctt aggaactaat   1080
ggcgcagaga ggctagcaa cgttcttgag gggcgtgaccg agaaggaaaa gaagcttctc   1140
gaggcttgca cgaaaggcct taagggtaat atcgagaaag gcatcgactt cgttaagaac   1200
ccaccaccaa agtaaacgcg cccacccccg ttcatcagat gcaggattcc cacccaccag   1260
tcggtaattt gccatctata tcgcactctt gtctccacag aaaggacctc gtactttcgg   1320

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tgggctactt tgcaattcac gaaactgaaa gaaccccgct aatctttgat acctgggcaa      1380
gataggcttt ga                                                          1392


<210> 7026
<211> 671
<212> DNA
<213> Aspergillus oryzae

<400> 7026
ccctgtgtat ctgacctgat ttgttgagag attctctgat cacctcatca agagtgacca       60
cactgtcacc atgtctatcc tctctctagt cgaggataga ccaactccca aggaggtgta      120
caactggaag atttacctcc tcgcagctgt tgcctcatgc acgtcttgta tgatcggata      180
tgatagtgcc ttcattggta cgactatatc tctccagtca ttcaaggatg agtttgattg      240
ggactccatg tctgccgcgc accaagacct agtgagctcc aacattgtct ctctctacca      300
ggcgggtgca ttctttggtg cattcttcgc ctatcctatc ggtcattttt ggggtcgaaa      360
atggggcctg atggtctctg ctttaatatt tacattgggt gccggcataa tgctgggtac      420
taatggcgac cgtggatttg gttactttta tggaggacga gtgcttgctg gcttgggagt      480
gggagctggc tccaatatca ctcctatttta tatctccgag ttatctcccc cggcgatcag      540
aagacggttg gttggggggtt acgaattggg gtggcaaatt ggtgggcttg taagcttttg      600
gatctgttac cgcgttgatg aaacgcttgc ccccgagtca taaagcaggg gatcatccca      660
ttcgctggcc c                                                          671


<210> 7027
<211> 689
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 7027
ccccccttcca ttccgtcgcc tgtggttggg ttctcttttt cttccttttg cttctctttc       60
ttgaatacag gaaactgtat tgaagcacaa gggatttact accaacacgt ctcccgataa      120
tcacacgcgt gcccttggc gaagaccacc actcgatata cacataggca caatggcgcg      180
actatcgagt cgcaacggtg cggccaagcc gttcactgct tggactacca tcttctacct      240
tctccttgtt ttcatcgcgc ccctggcatt cttcggtacc gcacacgctg aggaggactc      300
tgtccaagac aactatggaa ctgtaattgg tattgatttg ggaacaacct actcttgtgt      360
tggtgtgatg cagaatggaa aggtcgagat tctcgtcaac gaccaaggaa accgaatcac      420
tccttcctac gtcgctttca ccgatgagga acgcctggtc ngtgacgccg ctaagaacca      480
atacgccgcc aacccccgtca ggaccatctt tgacatcaag cgtctgattg gtcgcaagta      540
cgatgacang gatgtcacca aggacaccaa gaacttcccc tccaaggttg caacaaggat      600
tgcaagcctg tcttgaaagt tgacctgaac aagacccca agacttcact tcttgaggag      660
gttccggcat tggtcctcga aagagaang                                        689


<210> 7028
<211> 690
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(690)
<223> n = A,T,C or G

<400> 7028
cgaagcgctc ccaagactca ttgcagaccg ttctcggctg gtccgcaacg ttgcagcgac       60
tcccttttccg tgcaccgcaa caagcctacc aacaacccga gcatcccgtt cacgttcaac      120
gagcagaacc aacgattgat cgatgagatc ctcaagcgct atcctcccca gtacaagaag      180
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- 2495 -

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gccgccgtca tgcctctcct ggatctgggc cagcgtcagc acggcttcac cagcattagc      240
gtcatgaacg aggtcgcccg cctcctggag atgcccccca tgcgtgtcta cgaagtcgct      300
actttctata ccatgtacaa ccgtgagcct gttggcaaat actttgttca gctttgcaca      360
acgacgccat gccagctcgg aggctgcggc agcaccaaga tccttgaagc tatccaggaa      420
cacctcggca tcaccccgg acacaccacc gaggatggac tcttcacctt gcttgaagtc      480
gagtgcttgg gcgcctgtgt caacgcccct atggtccaga tcaacgacga ttattacgag      540
gatcttactc ccgagttcat gaagactctc ctcaccgcac tcaaggagtt cgcgcactgcc     600
accgacgccg gcaagaccgt ccaaaattct ggccctggcc caatgagtgg gagaaacacc      660
tgtgagaaca cgcgccggact ggacaacctn                                      690
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<210> 7029
<211> 773
<212> DNA
<213> Aspergillus oryzae

<400> 7029
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ggtgacgaaa tctccatcct cgtcgcggta gcgtagcctg accgatttgc tgcctattga       60
tcgattggtg aaccgggcca atttcgcatc cactcggtct gtgagcgagc ggaacatgat      120
gttgctggca atcactagag tgacgtagtt atcatcgaaa ttaaccttcg ctttgagttg      180
ggtcggcatg agaggctcct cctctggttc ttggctgaga ggggatgtag gctgatctag      240
aaggtatctt cgaggtcaag gctaccgctg gtgacactca ccttggtggt gaggacttcg      300
acaaccgtct cgtcaaccat ttcgttaacg agttcaaacg caagcacaag aaagatctca      360
ctaccaacgc gcgtgccctc cgccgtctcc gcactgcctg tgagcgtgcc aagcgtacac      420
tgtcttctgc tgcccagacc tctattgaaa tcgactctct ctttgagggt attgatttct      480
atacctcgat caccccgtgcc cgtttcgagg aactttgcca ggacctcttc cgcggtacta     540
tggagcctgt cgagcgtgtc ctccgtgatg ccaagatcga caagtcctct gtccacgaga      600
ttgtcctggt cggtggctct acccgtatcc ccaagatcca gcgccttgtc tccgattttt      660
tcaacaagga gcccaacaag tccatcaacc ccgatgaggc cgttgcctac ggtgctgccg      720
ttcaggctgc catcctgtcc ggtgatagtt cctccaagtc caccaacgag atc             773
```

<210> 7030
<211> 639
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 7030
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cttccatatt acttgtctgg ccaccccaag ggtgcggccg gtgcttggat gttcaacggc       60
tgcctgcagg tcctggatag tggcctagtt cccggcaaca ggaacgccga taatgtagac      120
aaggtcctcg aaaagttcga ctatattgtc taccccagcc gtagtattca aacggatggt      180
gtaaaggcat tctcagtcac ctcattcggt tntggtcaga agggcgcgca agttattggt      240
atccacccca agtatcttta cgctgctctc gaccgcactc aattngaggc ctacaagggc      300
aaggttgagg ctaggcaaaa gagggcgtat cggttcttcc acaacggtct gatcaacaac      360
agcatatttg ttgccaagaa caaagcgcca tattatgata accttcaaac aaatcttcct      420
tacccctgat atcgggttac tggtgacaag aaatctttga acttaagttc cccgcaactc      480
cccccaaagt ggttggtaaa ggaagtgaaa gcaccaaggc aggtaattaa gtccctgcg      540
aaagcttacc cctgtggaaa acctcaaatg gggctggaag ggaaaacccc ggaggctttc     600
ataattgaat agtaaacctt cttcaacaga atttcccct                            639
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<210> 7031
<211> 1509
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
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<222> (1)...(1509)
<223> n = A,T,C or G

<400> 7031
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ctcccattct ttttaaagtg atcttgccgt ttgtcttttt aactactttt tttcttacaa   60
gctaattatc attttccgtt gagcaccatt catttctaga catgttccgc actcgagtaa   120
cgtcggcagc ttgcgctgct gcccaaaaag ctccagcagc acgcaatttc gcaagagctt   180
caccagtgag ctctgcttct cggaaccaca aggtcgtggt agttggtggt ggtacggctg   240
gtctgtctat cagccatcag cttcttcact ctggcaaatt tactcaagac gatattgctg   300
ttatcgaccc tgcagagtgg catcattatc agcccggatg gactctagtt ggcggtggtc   360
ttaaaaccaa ggaggagttg cgcaggccaa tgaacagtct ggtcgaccct aagctcaaat   420
tctacaacga cagcgtgtcc acgttttccc ctgaggagaa tcttgtcact cttggtaatg   480
gcgacaaggt caactatgaa cagctggttg tggttcccgg cattaacatc aactatggta   540
gcattgaggg tctgcccgag gctctggagt ctcccgactc tcttgtctct actatctatg   600
gttacaacac ttgcgacaaa gtcttccgca ctgtccaaaa actcgagaaa ggtgttgctc   660
tttttaccca acctgccggt gtgatcaaat gtgcaggtgc gccgcaaaag gtcatgtggc   720
tcgcattgga ccattggaag agagccggcc tgtacgatcc cagcaacccc tccagttctg   780
ctatcaatat cagctttgcc actgctctcc cggccatgtt tggtgtgccc aagtacagtg   840
ctacacttga ggctctgcgg aaggaaaggg gcgtcgaggg actcttccag catgacctcg   900
tcgccatcga aggcaacaca gccacttttg ctcgtctcga tggtcaggag aaggtcaaga   960
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gccctctagc gaacgaagct ggttttgtcg atgtcgatga tagcaccctg cgtcacaaga   1080
aattctctaa cgtctggtct gcgggtgatg gcttcagtct ttctacagcc cagaccgggg   1140
gcgcaattac tttccaatca cccattcttg gtcgtggttt gctttccaca atggaaggcc   1200
aggagcccca aggaaactat gacgggtata cttcctgtcc tctgctgact gagtacggca   1260
aggttctttt ggctgaattc aaatacggcg ggcagcccaa ggagactttt ggcacctgtt   1320
cggtatcgac aagccactcc tcccgtgcat tctatcatct gaagaaagac ttcttccttn   1380
gggtgtacta ccaaaccatt gtcaaagggc aatgggggcg gcccctaagg gtgggttaac   1440
tataaaaacc tggagcccgc gggtactata ccttttgaga aaaccaatac tggaagctt   1500
caaattacg   1509
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<210> 7032
<211> 757
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 7032
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taccgccgtg acaagcagtt ggataccatg gctcgcctgg atgctactta tggtgagctc   180
cgacgctctc tggaagactc gtcgctcagt aaagagcagc tgtcggagat caagactaag   240
atggctgccc gcgaggagca acttctgccc gtctatttgc agattgctct gcagtttgct   300
gatcttcatg atcgtgctgg ccgcatggag gccaagaaca ctattcgccg gccgctcacc   360
tggaagaacg cacgtcgatt cttctactgg cgtgtgcgtc gccgtctcag cgaggaactt   420
atcctcaagc gcatggtggg tgtgggaacc gtcttccgca ccccgggaaa gccagcagtg   480
ggtgccatcg cgacgacccc agccggaaac gtctcttcta ctgaatccgc tcgtctgact   540
cacctttaca ccctgcgtac ctggactgga atgcttgatg accaantgga gcgtgatgac   600
caacgtgtgg ccttgtggta tgaggagaac aaaaaactta ttccgacaaa gatttgaaat   660
cctcaaaacc cagtcccgtt ggtggagatg gtggggcaaa tggttaattg gcaacaagga   720
ccgggggaat tgaagggtgg tccccaaagg tttttgg   757
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<210> 7033
<211> 689
<212> DNA
<213> Aspergillus oryzae
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<400> 7033
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tcaagaagtg tgcaaccgca tcttccacac cagctatatg ggcacccaaa attccagtaa   120
ggagacaagg gaccggtcaa agaggctttc aaccgacatt ggatcttatc atgtcgactt   180
caactttgat acagttgtga cttccttgac gaatttgttc acgatggtta ccaacttcca   240
gcctaagttc aaggttcatg gtggtagtcg ggcagaaaat caagcgctac agaacgttca   300
agcccgctta agaatggtgc tttcgtactt gtttgcatcc ttgcttccta cagtccggca   360
gcgaccaggt ggaagcggac tgcttgtcct ggcatcatca aatgtagatg aatgtttgcg   420
tggctattta actaaatacg atgccagtag cgcagatttg aacccaattg ctctatcag   480
caaagtcgac ttgaagaaat tcatcgcctg gtctcgggat tcgtttgaat tgcctattct   540
tcacgaaatt ctgaatgcca ccccaactgc cgagctggaa ccgataacaa tcacgtacgt   600
tcagtcagac caaacggaca tgggtgtaac gtacgctgag ttgtccactt ttcggtaact   660
gcgtaagacc cggaaactag gacctttgt   689

<210> 7034
<211> 1617
<212> DNA
<213> Aspergillus oryzae

<400> 7034
tctccctcga cccatctata agcctattga acaacattat cacaatgtct gagcctatta   60
ggaataagaa agcagatttt ccggtcgccc cgacgcctca aaacacccca gctaataatg   120
cccctatttc ctcccatgcc cagcagcctg gagtctccag catcaaagaa gaatcccttg   180
atcatgccac agctgcttct ttattcgcga gaaaccctgg gctcgtctcc atgattcaag   240
gaaaattggg atcacttgtc ggtcgctctt ccggatatat tgagtctctg cccgcacctg   300
tccgccgacg tgtcgctgga ctgaaaggta tccagaagga acacgctaag ctggaagctc   360
aatttcaaga agaagtgttg gagctcgaaa agaagtactt tgcaaaattt actcctctgt   420
atcaaaggcg tgccacgatt gtcaatgggg ctgcggaacc gaccgacagt gaagttgatg   480
cgggcaaggg tgaggaagaa gatgtggatg ttaagagcga agatgagtct aaaaagtccg   540
aggacaaggt gtcatcaaca gccggaatac ccgagttctg gctttctgct atgaaaaatc   600
aaatttctct ggcagagatg gtgactgaac gagatgaaga ggctctcaga catctcaccg   660
atatccgaat ggagtacctt gatcgtccgg gatttcgcct gattttgaa ttctctgaga   720
attcattctt cacaaacaag actatttcga aaacgtacta ttacaaggaa gagaacggct   780
acggtggtga tttcatctat gatcatgccg agggcactaa gattgattgg aaagacgaca   840
aggacctcac tgttcgtgtc gaaagtaaaa agcacagaaa caagaacaca aagcaaactc   900
gcgttgtcaa gataaccgta cccacggagt ctttatttaa tttctttct ccccacagc   960
ccccaacgga cgacgatgat actgtcgcta ccgacattga gagcggctt gagcttgact   1020
accagcttgg agaggatatc aaggagaagc tcattcctcg cgcaatcgat tggtttactg   1080
gggaggctct tcagtttgaa gaactgggcg atgatatgga tcctgatgag tttgacgacg   1140
aggacgagga cgaggaagag gatgaagatg atgacgacga cgacaggaag tctgatgggg   1200
acgttgatga cgactctgat gaagaggacg gtacttcgaa gcccaaaaag gaggccgcag   1260
aatgcaaaca aagctgaaca gtcagctaat cgttgaaagt gcaaattcga atggtgctat   1320
aatccatatc tccacctgac ttctgatgcc tgcttttat tctttgtttc tctcagattg   1380
tttcttctaa tcatgcgtgg ctcctgttcc attcaatagc ggtccgctgt atgtatggtc   1440
aaagtattat gtgtaaccat gcatacttca ccatcagatt ggtgggcatg tagtggatgg   1500
taaagctcgt tggatggaac cgtcaaggca gtgtcggtcc ctaatcattt tttcttcctc   1560
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<210> 7035
<211> 676
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 7035

- 2498 -

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tctggctcta gtcactggtg gtgagattgc atccaccttt gaccaccccg agcaagttaa     120
gctgggtcac tgtgacgtta tcgaggaagt aatcatcggt gaagatactc tgattaaatt     180
ctcgggcgtg gctgccggtc aggcctgcac cattgtgctc cgcggtgcta cggagcagct     240
gcttgacgag gctgaacgct ctctccacga cgccctcgcc gtgctttccc agactgtgaa     300
ggacccccgt gtcaccctgg gtggtggttg cgcagagatg gtcatgtcca aggctgttga     360
gcaagcggct cagaacacca cgggcaagaa gcagctggct gttgactctt tcgcacttgc     420
tctcaagcaa ttgcccacta tcctggctga caacgccggt ctggactcca gtgatctcgt     480
gacccgacta cgacaggcca tcaacaacgg catgaccagc tctggccttg acttgctcac     540
ccctggtggc ggcattgctg acatgcggga gttgggcgtt gtggagagtt acaagctgaa     600
gaaagccgtg gtttcctccg catcggaggc atncgagctt cttctgcgcg ttgacaacat     660
cattccgtct gctccc                                                     676


<210> 7036
<211> 672
<212> DNA
<213> Aspergillus oryzae


<400> 7036
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cccactatcc aggatggctg gttctccgag aagtccaaca tgtggcctgg tcaggccatg     120
agcctcaagg tcaaccagat cctgcaccac gagaagtcta agtaccagga tgtcctcgtc     180
ttcgagagca gcgactacgg cactgtcctc gttctggaca atgtcatcca gtgcactgag     240
cgggatgagt tctcctacca ggagatgatc acccacctcg ccatgaactc tcaccccaac     300
cccgagaagg tcctggtcat cggtggtgga gacggcggtg ttctccgtga ggtcgtcaag     360
cacgataccg tcaagaaggc catcctgtgc gatatcgatg aggccgtcat ccgtgtctct     420
aagaagtacc tccccggcat gagcatcggc ttccaacacc ccaacgtcga ggagttcgtc     480
ggcgatggct ttgagttcct ctaaacccac aagaacgagt tcgacgttat catcaccgac     540
agctccgacc ctgaagggcc tgctgagagt ctcttccaaa gccctactgt gagcttctgg     600
gcgatgcgct ccctgacgga ggtgtgatta ccacacaaag ccgaaaacca atggttggac     650
cttttttttat cg                                                        672


<210> 7037
<211> 869
<212> DNA
<213> Aspergillus oryzae


<400> 7037
gcaaggtact tatcatctct gtctcctctt ttatctccct tttcccttc tattctacta       60
gcattgaaaa aatggcgatc caagcttcgg ctacgcgtct cttcaagagg gcggctatcc     120
ccgcatctcg ccagtggcag cgacagttca gcgctgcagc cccagcactc aaggagatcc     180
aggatgccta tatcctcagt gcttcacgaa ctccgactgc taagtttaat ggatcgttcg     240
cctccgtctc tgcccccgag ctgggcgccg ttgccatcaa gtctgctgtg accaagtctg     300
gactccctgt cgagaagatc accgatgtat acatgggaaa tgtcctccaa ggatcggtcg     360
gccaggcacc agctcgccag gcttctatct tcgctggttt gtcgccaaca gtggaatcca     420
tgacagtaaa caaagtgtgc gcctcgggcc tcaaggctgt agcacttgct gcacagaata     480
tccagcttgg cctggcagac gcccaagttg ctggaggaat ggagaatatg tctcgtgtcc     540
cttactacct cccacgttcc agccagcttc caccgttcgg agagatcaaa ctggaagatg     600
gtttaatcaa ggatggtctg tgggatgtct ataacaagtt tcatatgggt atctgtgccg     660
aaaaccacagc caagaagtat gagatctcga gggaagaaca ggatgaatat gcgattcagt     720
cgtaccagcg ggctcaaaaa gccttgaacg agaataagtt cgccgatgaa aatggcccg     780
ttacctgcaa gggtaaagaa gggtgagacc ggtggtccaa cgtgaccaac ggctattaaa     840
attggcgggt tggtaaaaat aaaaacctc                                       869


<210> 7038
<211> 677
<212> DNA
<213> Aspergillus oryzae


<220>
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- 2499 -

<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 7038
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tgtccccgac accgatgttc gctctgcgtg gaacttggtc aacccctccg catcccacac   180
aattaataag gacgctaccc ttgcgttcct gcatatactg aactaccgac acgagggctt   240
ccgcattcca cgcaccgttc ctgcttccct ccgcgcctcg tttgaaaaca ataagatcga   300
ttatcaggtc gataatgcac gtccggcaca aaagtggggt gcaaacggag acacggaaac   360
accaactggt cggaagacta aattgggaga tacgtacttg agtcggttgg gggccggagg   420
aaagtcgtcg tatactccca agggaacaaa cttcagcgac ccatttcagg ataaggaatg   480
ggaaacggtt cttttaaggc ccaaactgcg gaagttggaa accaaattga attttgcaca   540
acaggcctcc gaaggccgta gggaaaaacc cttgaacaaa gggcggaacc acttggggtc   600
ttgtttaaaa aaggaaaccc ttaacctttt tggggataaa ggaaacccag actttccaaa   660
cttgggaag gcctggg   677

<210> 7039
<211> 677
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 7039
tgcgcgtatg gaggcgtccg ttccggagga ggtgcttcgc atgaaatccc ctcctatggc   60
ggactggctg gagaatttca tgaccgtgcg cgtgcatgtc atggtacgct ttggcatgtg   120
ggaggagatt attcagatgg aattgcccca tgaccaagat ttatacacgg tcaaaacagc   180
catggttcat tatgccaagg gagtcgcata tgcagcgacg ggacgggtag gtgaagcaga   240
gcaggagcgg gaattattcc aaagggctcg gacacgagtg ccagagactc gtcgggccta   300
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ataccgtcgt ggggagtacg agcaggcgtt cgacagtctg tgcaaatcga tcgagctgga   420
tgataggctt ccgtacagtg aaccctgggc ctggatgcag cctactcgac atgcctacgc   480
tgcccttatg ttggaacagg gccaaatcga gaaggccgag agtgtgtatc gcgctgacct   540
tgggctggac aacactctca tccggccccg gcggcatccg aacaatgtct ggtccctcca   600
gggctaccat gaatgctngg tgcgtttggg gaagacggaa caagcggcta tgatcgagcc   660
tacactaagg ctggcgc   677

<210> 7040
<211> 634
<212> DNA
<213> Aspergillus oryzae

<400> 7040
cacaacgtcc ctttcttttc cctccacctt cgcccatcta caaagactcc tttctttcta   60
gttgtcccgc ttttacgtca cattcgatat gtcacgacga tacgattcca ggactaccat   120
cttctcccc gaaggtcgcc tttaccaggt tgaatatgcg ctcgaagcaa tttcgcacgc   180
cggcacggct ctaggaattt tggttaagga tggaatcgtt cttgcagcag agaagaaagt   240
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catgatctgt gccgtggcag gtatgacggc agatgcaaac atcctaatca actacgcccg   360
acaagccgcc cagcgttatc ttcttaccta cgacgaagaa atcccatgtg agcaactcgt   420
ccgtcgactg tgtgatctga aacagggata cacccagcat ggtggtctac gtccattcgg   480
tgtctggttc atcatgccg gctacgaccc tctgcgggag ttccagttgt accagagcaa   540
ccccagtggc aactacagtg gttggaaggc cactagcgtg ggagcatact acgcaagtgc   600
ccatagcttg ctcaaacaag attaccagga agac   634

<210> 7041
<211> 993
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(993)
<223> n = A,T,C or G

<400> 7041
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caatgtcgac ctctgctcgt cgtcgtctca tgcgcgactt caagcgtatg caaaccgacc     180
ctcctgccgg tgtctcggcc tctccggtag ctgacaatgt gatgacctgg aatgccgtta     240
tcatcggtcc tgctgatact ccttttgagg atggcacatt ccgtcttgtc atgcactttg     300
aagaacagta cccaaacaag cccctggcg ttaaattcat cagccagatg ttccatccca     360
atgtatacgg cacgggcgaa ctgtgcctgg atattttgca aaatcgttgg agcccaacgt     420
atgacgtggc ggccattctc actagtattc aaagtctgct taatgaccca aacacatcat     480
cacctgccaa tgttgaggca tccaatctct acaaagacaa ccggaaggag tacatcaagc     540
gcgtgcgtga gactgtcgag aagagctggg aagactaggg gaccctacat gtgatattgg     600
ttatttctct taattgtttt ctattccctt gtctcggtat gatttatctg tgggctttta     660
tgacgaaaca aatattgtct gctcatgtca aaaggtgaca gcatactgcc aatggtggcg     720
gacacgccgt tggcatgact tgtccttgga ggattcacac gccgtttgat gacatgcaca     780
gcgcggggtt tgggcgcctg gtacatattc tcccttggt ctcttttgt ggataatcgc     840
atgtttcagt tgcgaggtgc ataatgcatt agcttaggat gttttctgcc tcaattttgc     900
cttgctgnct attagtctnt cccttcccgc tctgcttcac tttgacttaa ccgatagcgt     960
ggtttgcttt cgcctnctga gtcttttatg gaa                                   993
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<210> 7042
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 7042
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ctaccaggat gtcaccggcc aggccaagga gaaggccatc gccatgggtg ttgccgtcgg     180
ttccggttac ctctacgaga ccaccttcga gaaggaggtc tactccgatc tctacggtga     240
gcgtggttgc ttgatgggtg gtatccacgg tatgttcctc gcccagtacg aggtcctccg     300
tgagcgtggc cacagccct ccgaggcctt caacgagacc gttgaggagg ccactcagtc     360
tctctacccc ttgatcggtg ccaacggcat ggactggatg tacgctgcct gctccaccac     420
cgcccgtcgt ggtgccatcg actggtccag ccgcttcaag acaacctca agcccctctt     480
caacgagctc tacgacagcg tgcgtgacgg caccgagacc cagcgttctc tggactacaa     540
ctcccagaag gactaccgcg agaagtacga gaaggagatg caggacatcc gtgatctcga     600
gatctggcgc gctggaaagg ccgtccgtgc ccttcgcccc gagaaccaga agtnaatgta     660
atgtgcattg ggatttggaa aaaagtt                                          687
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<210> 7043
<211> 681
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature

- 2501 -

<222> (1)...(681)
<223> n = A,T,C or G

<400> 7043
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gtcacggttg ctcctacctt cgaggacatg cacttgaagg agagcctcct gcgcggtatc   180
tacgcttacg gctacgagtc tccatcggca gtgcaatcgc gagccatcgt gcagatctgc   240
aaaggccgcg acacgattgc ccaggcgcag tccggtacag gtaaaacggc taccttctcg   300
atcagtatcc tgcaggtcat cgacaccgtt gtgcgcgaga gtcaagcgct cgtgctatcc   360
ccgactcgcg aacttgccac gcagatccag tccgtcatca tggcgctcgg cgactacatg   420
aacgtgcaat gccacgcctg catcggaggc acgaatatcg gcgaggacat ccggaagctg   480
gactacggac agcacgtcgt ttccggtacg cctggtcgtg tcgcggatat gatccgtcgg   540
cgccacctgc gcacccgcca catcaagatg ctggtgctgg atgaagccga cgagctgctc   600
aaccgcggtt ccgtgaaca gatctacgac gtntaccggt acctgccccc ggccacgcag   660
ggtgtggtcg tcttcgcgac c   681

<210> 7044
<211> 650
<212> DNA
<213> Aspergillus oryzae

<400> 7044
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gcgccctgac gcgcagcgaa cgcagcgaac tccgcaacca acgcggtctc acaatctggc   120
tcaccggtct ctccgcctcg ggcaagtcta ccattgccgt tgagctcgag caccagctcc   180
tccgagaccg gggtgtccac gcctaccgtc tcgacggtga caacatccgc ttcggactca   240
acaaggacct cggttttagc gaaaaggacc gcaacgagaa catccgtcgg attgcagagg   300
ttgccaagct cttcgccgac agcgcctcta tcgccatcac ctcgttcatc tcgccctacc   360
gtgcagaccg tgacaccgcg cgcaaactgc acgaagtccc caccccgggt gaagagaccg   420
gtttgccctt cgttgaggtc ttcatcgatg tcccattga ggttgccgag cagcgtgacc   480
ccaaaggtct ttataagttg gccagggccg gtaagatttc ggagttcacc ggcatcaatg   540
cgccttacga ggaacctgaa tagcctgacg tgcatatcca taaccatgat ttgccagtcc   600
aagatgccgg gaaacagatt gtggattaat tggatgctca aggctactgc   650

<210> 7045
<211> 775
<212> DNA
<213> Aspergillus oryzae

<400> 7045
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ggccccgtt cctcgcgtct actccaagac ctacaaggtc ccccgtcgtc ctttcgagtc   120
ggctcgtctt gactcggaat tgaagattgt cggcgagtac ggcctgcgca acaagcgtga   180
ggtgtggcgt gtccagctca ccctgtccaa gatccgtcgt gctgctcgtg agctgctcac   240
cctcgacgag aaggacccca agcgtctttt cgaaggtaac gctttgattc gccgtctggt   300
ccgtatcggt gtgctcgatg agtcccgcat gaagctcgat tacgtcctgg ccctccgtgt   360
cgaggacttc ttggagcgtc gtctccagac ctgtgtctac aagcttggcc ttgccaagtc   420
catccaccac gcccgtgtcc tgatcaagca gcgccacatc cgcgtcggca agcagattgt   480
caacgttccc tccttcatgg tccgtcttga ctcccagaag cacatcgact tcgctctcac   540
ctttccctac ggtggtggtc gccctggccg tgtccagcgc aagaaaggcg tttctgccaa   600
cgcaggtggt gacgatgccg ctgaggagga tgatgagtaa atcatttaaa tcggagtatg   660
gagggttttc gttttggaaa cataaaaatg tgggggcctc aactgtgact gcagcatagc   720
gtattgatgt tgtacgatca tgcccttcat gaccaaaaga tagcttcagc ttatt   775

<210> 7046
<211> 720
<212> DNA
<213> Aspergillus oryzae

<400> 7046
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ggtacgacga acacaccctg cttgatgtac caggctacga tcagaatgtc aagttcggtg   120
ttttgactca cttctgctac gagattgatg gcactaagga aaggattgag attgccacta   180
ctcgtcccga gaccatgatt ggtgataccg gtatcgccgt tcaccccgag acaagcgct   240
accaacacct gatcggcaag tttgccaagc acccttcgt ggaccgcttg cttccgatcg   300
ttgcagacac tgatgttgat cctgagttcg gtaccggtgc cgtgaagatt actccggctc   360
acgatttcaa tgactttaac cgcggaaagg cccacaacct cgagttcatt tccgtgatga   420
acgacgatgg caccttcaac aagaacggtg gtatctttgc cggcatgaag cgtttcgatg   480
ctcgttacaa ggtcatcgaa cttctgaagg agaatggact gtacgtcaag tgggagcaca   540
accctatgaa gatcctcgat gtgccaagtc caacgatgtt attgagccca tcctcaagcc   600
caagtggtgg atgaagatgg gaagccttgc caagcttgcc attgacgctt gtcaaaaggg   660
ttgcattgtc aacaagccag agtctgccga gaaaaactaa ttccgctggg tatggatatg   720

<210> 7047
<211> 798
<212> DNA
<213> Aspergillus oryzae

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cgcaattcct tcctaccttc tattcatgca ccgatacatc tcccctttga gcttgctttc   120
cttttattct gtttctgcct cattgtcccg agacacatat atcaaggact tgaatatctc   180
aacatggcca ctcctactct aaccttcacg agctccgacg gcgttgacat ccctgtcgaa   240
cgtgatgtcg ccgaacgctc gcagctcatt aagaacatgc tcgaagactt gggtgaaact   300
ggagagccca ttcctatccc caacgtcaac gaagccgttc tgaagaaggt cattgaatgg   360
tgcacccatc ataagaacga ccctcccagc accggcgatg acgatgattc ccgccgcaag   420
actacggata tcgacgagtg ggatcagaag ttcatgcagg ttgatcagga aatgcttttc   480
gaaataattc tggccgccaa ctaccttgac attaagggac tacttgatgt tggctgcaag   540
accgttgcga atatgatcaa gggcaagtct cctgaggaga ttcgtaagac cttcaatatc   600
cagaacgatt ttacacccga ggaggaggat cagattcgtc gcgagaatga atgggcagag   660
gaccgctaaa tacgcctctg gccgatggta gtcttgcctt tgctcttgaa tcccgcccaa   720
gtttcatgat cttgtccggg aggcttgcag ttcttcataa tctttcagct tgaatttcat   780
ctgggccaat gggctttt   798

<210> 7048
<211> 1019
<212> DNA
<213> Aspergillus oryzae

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cgtagcgagc gacgtctccc catccggctg ttcagcctgg acctaccacc aatactccta   180
cgatccctac accagaggtc ccttcttcca gctgtctgaa caaatgctcg acaacgccag   240
catcaacggc ggcacccacc ccgcctaccc attcctcacg gccacggcg gcgccaacca   300
agtcgtgcta ttcggatacc tcggcctgcg tctcctcccc gaagaaggaa tctacatcac   360
ccccaaccta cccccacaaa tcccctacgt caaataccga accttctact ggcgcggctg   420
gcccatcgcc gccgaatcca actacaccca caccaccatc cgccgcgaca caaagaccgc   480
ccccctctcc accgccgacg aacgcttccg aaacgccaca atccccgtgc acgtcggcag   540
cgacgaagcg gaaatccaca ccctccaacc aaacggaagt ccctgatca ttgagaacg   600
gcaaatcggc acaattccca ccatgcaagg aaaccagatc caatgtcagc ctatcacgtc   660
tccggatgag tacaaggcag gccagttccc catctctgct aatgacggtg cgacgtctac   720
gaagtggcag cctgcttcgt cgaatctctc ttctattact gttaccttgt cggatacgca   780
gttggcgaat gccgtgtccg ggttccattt cgattgggct tctgcgccgc cggttaatgc   840
gtcggtcatt ttccatgagg aggttattga caatccggct tctgtgtttg ngtttgggac   900
tcaggaccat gctcaagatg aaggggatga gaagtataga gttgtcctca ctttgacggg   960
tattgagccc tcgacgatat acacggcgga agatgagaac caggttcgca ttccggttg   1019

<210> 7049

<211> 716
<212> DNA
<213> Aspergillus oryzae

<400> 7049
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ctctctgcca ttgattgtta ttccttccta ccttctattt ctgcaccgct acatctcccc   120
tttgagcttg cttcctttt attctgtttc tgcctcattg tcccgagaca catatatcaa   180
ggcgacaatt gtttcaggtt ttaacagtct gcttaggact tgaatatctc aacatggcca   240
ctcctactct aaccttcacg agctccgacg gcgttgacat ccctgtcgaa cgtgatgtcg   300
ccgaacgctc gcagctcatt aagaacatgc tcgaagactt gggtgaaact ggagagccca   360
ttcctatccc caacgtcaac gaagccgttc tgaagaaggt cattgaatgg tgcacccatc   420
ataagaacga ccctcccagc accggcgatg acgatgattc ccgccgcaag actacggata   480
tcgacgagtg ggatcagaag ttcatgcagg ttgatcagga aatgcttttc gaaataattc   540
tggccgccaa ctaccttgac attaagggac tacttgatgt tggctgcaag accgttgcga   600
atatgatcaa gggcaagtct cctgaggaga ttcgtaagac cttcaatatc cagaacgatt   660
ttacaccga ggaggaggat cagattcgtc gcgagaatga atgggcataa gaccgt   716

<210> 7050
<211> 801
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(801)
<223> n = A,T,C or G

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gtccgctatc tcatccccg ccatggcctc ctcgaagtcg gtcgcgaggc tggtcaccta   120
ccgccggcct gcgccttctc tgttgacctc ttctttccgt cccttgggtt caaccgcaaa   180
cttctcctcc tcagtgtgcc gggctgcgac cccagctggt cccctccat ccggtttccg   240
tctggctccc cccaagaaat gggacgagac caccgagtcc tccttggaca aggccagcaa   300
atacttcctc atgtctgaga ttttccgcgg catgtacgtc gtgttggagc agttcttcag   360
accaccttac actatcttct accccttcga gaaaggtccc atctctcctc gtttccgtgg   420
cgaacacgct ttgcgccgct atcccaccgg tgaggagcgt tgcatcgctt gcaagctttg   480
cgaagctatc tgccctgctc aggctatcac catcgaggcc gaagaacgtg aggacggaag   540
ccgtcggacg acccgttatg atattgatat gaccaagtgt atctactgtg gctactgcca   600
ggagagctgc cccgttgatg ccattgttga gactgccaat gctgaatatg ccaccgagac   660
ccgtgaggag ctgctgtaca acaaggagaa gctcctggcc aacggtgaca agtgggagcc   720
tgaaatgcag ccgctgccag agctgancgc tccttaccgt aaaacaatac cagctgcttt   780
catatcacaa ngggcactct t   801

<210> 7051
<211> 649
<212> DNA
<213> Aspergillus oryzae

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accatggtcg aaggccgtgt tgagtccggt gtgatcaaga agaacgctaa ttgcatcatt   120
atgcccaacc gcaccaaggt tgaaatcaca gctctctatg gagagactga ggatgagatc   180
ccgactggca cttgcggtga ccaagtccgc atgcgtctcc gcggtgtgga agaagaagat   240
ctccttcccg gttttgtgct ttgctccccg aagcgtctgg tgaactgtgt gtcaagcttt   300
gaggccaaga ttaggattct cgatctgaag agtattctca ctgccggtta caactgtgtt   360
atgcacgttc actcggccgt tgaagaggtt acatttacct ccctgctgca caagtgcgag   420
cctggtacag gccgtaggag caagcgcccg cctcccttcg ccagtaaggg tcagacaatc   480
atcgcccgtc tcgatgtcac tagcactgct ggtgccgtct gtgtcgagcg tttcgaggac   540
tacaaccaaa tgggacggtt caccctgcgt gatcagggac aaaccattgg cattggtatg   600

atcaccaagc tcatcaagag tgacgaggac aactaacccc gctttatac   649

<210> 7052
<211> 833
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

<400> 7052
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ctatgaagga ggtccagatt gacaaggtct tcatcggctc ttgcacgaac gctcgtattg   180
aagatctgcg ggcagctgcc aaggttgtta gggggtaagaa gatcgcccct aatgtcaagc   240
gcgcgatggt cgtccctggt tctggtctcg tgaaggaaca ggctgaagcc gaaggtctcg   300
acaagatctt cactgatgct ggctttgagt ggagagaagc tggttgctcc atgtgcctgg   360
gtatgaaccc cgatattctc tcgcccaagg agcgctgtgc tagtacttcg aaccgtaatt   420
tcgaaggtcg ccagggtgct cagggtcgta cccacctgat gtccctgcc atggctgcgg   480
cagctggtat cgtcggaaag cttgcggatg ttcgtgagca tgttgtcact agccccgttc   540
tgggtaaggt gcaacccagg gttgatgtcc agccagaggc ggaagatgtc gacactgagg   600
aagaactcga ccgcatcttg gaccagcccg cagacaacga accccacacc aacacctctg   660
gcggctcgag cgctggcttg cccaagttca ccaccccttaa gggcattgcc gcccccatga   720
accgctccaa cgtcgacact gacgccatca ttcccaagca gttcctgaag accatcaagc   780
gtactggtct cggcagcgcg ctcttctacg aactgcgcta caaggatggn cag   833

<210> 7053
<211> 636
<212> DNA
<213> Aspergillus oryzae

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ctaccaagga tggtatccgt aaggaggctt gctggactat ttccaacgtc actgctggca   180
actctagtca gatccaggct gtcgtcgacg ctggcatcat tcccccgctg atcaacttgc   240
ttgccaacgg cgactttaag acccgcaagg aagcttgctg ggctatctcc aacgccactt   300
ctggtggtct gcagaagcct gagcagatcc gctacctcgt ttctcaggga tgcatcaagc   360
cgctctgcga cctgcttgct tgccccgaca acaagatcat ccaagttgct ttggatggcc   420
tggagaacat cctcaaggtt ggtgagatgg acaaggaggc tgcacagact ggcgaggccc   480
gtgtcaaccg ctatgctctg ttcattgaag aggccggcgg tatggagaag atccacgact   540
gccagaacaa cgccaacgag gagatctaca tgaaggcgta caacatcatt gagaagtact   600
tctccgatga agaaaggccg gtggtgatat cgatgg   636

<210> 7054
<211> 809
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(809)
<223> n = A,T,C or G

<400> 7054
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agcatggaaa acctctggga ggcttactac tcctattgga caatgatat cctcgccaca   120
ggaattatca ccttcatcgc ccatgaacta atttacttcg gccgctgcct cccatggatc   180

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atcgcggacg caatgccagg tactttcaac cgatggagga tacaagatca caaagcacca    240
ccctcagtag ccacccaatg ggactgcact aagtatatac tcgccatcca cttcatcgtc    300
gaacttcctc tcattgtcct ctttcacccc atgatggacc tctgcggcct caaatatgct    360
tcccccttcc cagacctcaa aactctagcc gcccaacttg ccatcttctt cattgttgaa    420
gacacctacc actactggtt acaccgtgct ttccattggg gccctctcta ccgctccatc    480
caccgcatcc accaccaata cgcgactcct ttcggtctca cggccgaata cgccagcccc    540
tgggaaaccc tcctactcgg tcttggcacg atcgccccac cactcgtcct gggctatttc    600
acagagaacg tccatctgat caccgtgttg gtatggatgg gtctgcgcca agtacaggct    660
atcgactcgc actcgggata tgatttcccc tggagcttga gacggatcat gccgttctgg    720
ggcggagctg actggcatga tgatcatcat cgntactttg tgggtaanta ctcgagctcg    780
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<210> 7055
<211> 919
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(919)
<223> n = A,T,C or G


<400> 7055
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gttctccgtc ctgctgtctc agcgacgtcg ctggatcaac tccactgtcc ataacttggt    180
ggaactcgct gctctgaaag acctctgcgg cttctgctgc ttcagtatgc gctttgtcgt    240
attggtcgat cttcttggaa ctatcatcct cccagctacc tgcgtctact gggttacct     300
aatctacagt gttgccagtg gtgggccaat tccaatcata tctatcgcca tcttggctgg    360
tgtgtacggc ctccaggcga ttatctttat tgtgaagcgg cagtggcagc atattggttg    420
gatgatcatt tatatctgtg cctatccgat ctatagtttc gttctgccga tgtattcctt    480
ctggaaacag gacgacttca gctggggtaa cactcgtgtt gttcttggag agaagggaaa    540
taagcgagtt gttgcagtag aagatgaacc attcgaccct cgcagtattc ctctccagcg    600
ctgggacgat tacgctcttg ccaataatct gcctggccgc cgtggagatt ataacatgag    660
ccaggagaaa ttctacggag gtcaatatgg agatatgggc atggagatgg atgatatgca    720
ttcccagtat tcctcggtca agcctgcatc cacaatctta accggatttc caggagcagg    780
ccggaatggt agtccttaca tgccgccgca gtcgcccgcc cccgtcggtg gaaatacccc    840
angcaacagg cattcgcacc tgtncagctt tagtcggtat accgatatgc cgctcagcca    900
gggcaccagt ctcgaaacc                                                 919


<210> 7056
<211> 598
<212> DNA
<213> Aspergillus oryzae


<400> 7056
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acgtccaggg actttattaa tttctttaag aactttcaag acatctttgg aatcaagaaa    120
ttcaagattt acgtgaccgg tcagagctat gctgggcgtt atgtgccgta cattgctgcg    180
gcaatgctgg atcaaaatga caaggactat tatgacgtct atggggcact ggtttacgac    240
ctagtcattg gccaatttga ctatgtggga caacaagtgg ctgctgtgcc aactgtgcag    300
gagaacgcta acatcttcaa ctttaatgca agctttatga atcaactaca aagtcttcac    360
aaatcgtgtg gttatcagga ctttatagac gaatatctta ctttccctcc atcggggtc    420
cagcctccga agtcttttga ccctaccagc gacgctgatt gtaatatcta taacatgatc    480
acggatgcag cttatcgagt caaccccttgc tacaacgtgt acgccatcaa ccagaagtgt    540
gccttttgt gggattgttc ttggagggcc cacgaaactg cactacctac ccgccggt      598


<210> 7057
<211> 547
<212> DNA
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<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

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acagcctacc gttttcggtg tttccgggta ctcgggtgct ggtaccaagc caagccctaa   180
gaacgacgtg gagaacctta ccaacaacat catcccttac agcctgactg atcacatcca   240
tgagaaggag atcagctccc agcttggcac cagcattgca ttcattcctc atgttgctgt   300
ttggttccag ggtattcatc aaaccatcag catccctctc aaggaggaaa tgtcctcccg   360
tgatatccgc aacatctacc aggaacgtta tgctggtgag aagcttgtga agattatcgg   420
cgagcccccg gtggtgaaga acattgctgg tcgccatggt gttgatgttg gtggattcgc   480
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cgcaccn   547

<210> 7058
<211> 666
<212> DNA
<213> Aspergillus oryzae

<400> 7058
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ccgtatccct aagaaccgta ccccccatat ccgtactggc acgaagtggt gtatctatcc   120
atcctacgac ttcgctcact gtctctgcga tagtttcgaa gggatcaccc acagtctttg   180
cacaacagag tttgttactg cccgtgagag ctacgaatgg ctgaacaaaa cgcttggtgt   240
ttatgagcct atgcagcgcg aatatggccg tttgaatgtt agcggtactg tcatgagtaa   300
acgagttctg agagaacttg ttgaaaaggg ccatgtgcgc ggctgggatg atcctcgtct   360
ttataccttg attggtattc gccggcgagg tgtacctcct ggtgctatcc tttctttcat   420
caacgagcta ggtgtgacca cgtcactcag caccatccag atcacacgat tcgaacagtc   480
ggttcgccgt tatctcgaaa catcggtccc tcgcctcatg ttagtcctag accctgttcg   540
cgtcgtgatt caagacctcg gcgatctaga aggacaagag ctagtattac cattttcgcc   600
aaagcagcct gagtttggct cctataagtt gaagatgacg tcgactgttt atatcgacca   660
gtccga   666

<210> 7059
<211> 732
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

<400> 7059
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gaccatcgag gtggtggtct cccctcctgc tgtctacctg accctcgccc aacaggtcgc   120
cgacgagaag aagaaggttg ccgtttcctc ccagaacgtc ttcgacaagc ccaacggtgc   180
tttcaccggt gagatctcgg tttctcagct gcaggatgcc aagatccct ggaccatcat   240
tggacacagc gagcgccgtg tcatcctgaa ggagactgac gagttcattg ctcgtaaggt   300
taaggctgcc attgacggtg gcattagcgt cattttctgc atcggtgaga ctcttgagga   360
gcgtgaggcc gacaagacca tcgaggttgt caccaagcag ctcaacgctg ccgctaagga   420
gctcaccaag gagcagtggt ctaaggtcgt cattgcctac gagcccgtct gggccatcgg   480
tac/ggcaag gtcgctacca cccagcaggc ccaggaggtc cacgccgcca tccgcaagtg   540
gctcgccgat gccatctcgc ccgaggccta cgagaacacc cgtatcatct acggtggctc   600
cgtcagcgag aagaactgcc gcgagttggc ccaggaacgc gatgtcgatg gcttcctggg   660

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tggcggtgcc agcttgaagc ctgctttcgn tgatatcatc aatgctcgtt tgtaagcaaa      720
ccgatggtgc tt                                                           732


<210> 7060
<211> 863
<212> DNA
<213> Aspergillus oryzae

<400> 7060
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gtcccgctcg ttgctaccgc tactgcaaga acaagcccta ccccaagtcc cggttcaacc      120
gtggtgttcc cgaccccaag atccgtatct tcgatctggg acgtaagaag gccaacgtcg      180
atgacttccc tctctgtgtg cacatggtct ccaacgaata tgagcagctt cctctgagg      240
ctctcgaagc cgcccgtatc tgtgccaaca agtacctcgt gaagatcacc ggtaaggaag      300
gtttccacat gcgtgtccgt gtgcaccct tccacgtcat ccgtatcaac aagatgttgt      360
cgtgcgctgg tgccgatcgt cttcagaccg gtatgcgtgg tgccttcggt aagccccagg      420
graccgttgc ccgtgtgaac atcggccaga tcatcctgtc cgtccgcacc cgtgactcca      480
accgtgccgc cgccatcgag gcttccgcc gttccatgta caagttcct ggtcgccaaa      540
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tccgcaacga gggcaagctc aagcaggacg gtgcctacgt ccagttcctc cgtggccacg      660
gtctcgttga gaacaacatg aagcgcttcc ccgacgccta cgagtcccag gcttagatgg      720
aatgagcttt agcgttagga cccataaaag acatgaattt ttattatatt cctccggtta      780
ccaatacatg ttctgttatt ttgtgatgtc attttagtgt cctcacgcac ggcggagttg      840
attttaatca tggattcctc ggg                                              863


<210> 7061
<211> 941
<212> DNA
<213> Aspergillus oryzae

<400> 7061
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aggctggttc taagaaggcc cccaagaacc ctctcatcga gaagcgctcc cgcaacttcg      120
gcattggcca ggacatccag cccaagcgca acctcggccg cttcgttaag tggcccgagt      180
atgtccgtct tcagcgccag aagaagatct tgaacctccg tctcaaggtc ccccctgcca      240
ttgcccagtt ccagagcacc ctggaccgca actccgctgc ccagaccttc aagctcctca      300
acaagtaccg ccctgagacc aaggccgaga agaaggagcg tctccacgct gaggctaccg      360
ccgttgccga gggcaagaag aaggaggatg tctccaagaa gccctaccac gtcaagtacg      420
gtcttaacca cgttgttggc ctcgttgaga acaagaaggc ttcccttgtc ctcatcgccc      480
acgacgttga ccccattgag ctggttgtct ccttcccgc tctctgccgc aagatgggtg      540
tcccttacgc cattgtcaag ggcaaggctc gtctcggtac tgttgtccac aagaagaccg      600
ctgctgtcct cgctctgact gaggtccgct ctgaggacca gagtgagttc tccaagctcc      660
tctccaccat caaggagggc tacaccgaca gtacgagga gtcccgccgt cactggggtg      720
gtggtatcat gggcgccaag gccgtcgccc gccaggagaa gaagcgcaag gccgctgagt      780
ccgctgtcaa gatctaaact agtccaaatg tctagtctag ttccgcaatg acgggttttc      840
aaacgatctt aatgacaaaa tatcgcgctc ttccggatac caaaaattgg gattaattgt      900
ttaaaagcaa atcgcggcca cggttttctg gaatggtgtt g                          941


<210> 7062
<211> 662
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G

<400> 7062
ccaccgatca acgttcgcac tgttgtcggt tttgctttaa tcgctattca acccggccac       60
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- 2508 -

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gtcaaggtcc cccaaatttc aaacctcacc acttttaggg cttgacaagc tctcacaacc      120
attcattatg gctaacgacg agtatgattt tctcttcaag gtggtgctta ttggagactc      180
tggtgttgga aagtccaacc ttctgagtcg tttcacccgc aatgaattca acctggactc      240
caagtcgacc attggcgtgg agttcgcaac ccgttctatt caggtcgatt ctaagacgat      300
caaggcgcaa atctgggaca ctgctggtca ggagcgttac cgcgccatta cctctgccta      360
ctatcgtggt gccgtcggtg cccttcttgt ttacgacatc agcaagcatc aaacctacga      420
taatgttaac cggtggttga aagagctcag agatcacgca gattctaaca ttgtcatcat      480
gcttngnggg aaatangagc gatttgagac acctgcgcgc tgtgccaccc gangaangcn      540
agcagtttgc cagcgagaac aaccctctct tcatcgagac atctgctctt gatgcgagca      600
acgttgagct tgctttcaga acatcctcac agaaatctac ccgattgtgt ccagcacggc      660
tt                                                                     662


<210> 7063
<211> 722
<212> DNA
<213> Aspergillus oryzae


<400> 7063
tytatgactc gtttgaatgc agcacgaggc atccttggtc ttgaaagaca tgcctgtccc       60
agcgcgggcg catgtggagg catgttcact gcgaacacaa tggccacagc tatcgagtcg      120
atgggtctgt ctttgcctgg ctcctcttcc accccgcta catctccatc aaaaatgcga      180
gagtgtgtca aggtggcgga agcgattaaa gtttgcatgg agaagaatat aagaccgcgt      240
gatcttttga ctaagcggtc attcgaaaat gccctcgtca tgacgatggc tcttggagga      300
agcaccaacg gtgtgctcca cttccttgcc atggctcgga cagctggcgt ggaacttact      360
ttagatgata ttcaaagggt cagtaacaag atcccattca ttgctgacct ttccccagt      420
ggaaaatact acatggcgga cttgtacgat attggcgggg taccgtctgt ccaaaagctg      480
ttgattgcag ggggcctgct tgatggcgat attccaacag ttaccggaaa gactctggcc      540
gagaacgtgg catcattccc atcgttaccg gacgatcagg ttattattcg tcctttggac      600
aaccctatta aggcgactgg ccaccttcag atcctccgtg gaaacctagc ccccggaggc      660
gctgtggcca agatcaccgg gcaggagggg cactaaatta taggaaaagc acgagtgttt      720
ga                                                                     722


<210> 7064
<211> 780
<212> DNA
<213> Aspergillus oryzae


<400> 7064
gcgtagcaca ataaaccgaa caaaatcggt tggtattcat tgtaaaaaag gatcgtaaat       60
aatggggact gaactatgta atgcaccaca acattgggta gtgataccaa aagaagtatg      120
ctgttgaatc atatcataaa ggcctaaaac caaccgaacg ccttgcaagg gtacttaacc      180
cagttgagta acgatagcag aaaatcaaac cagacattag tttccaccac ggaaacccag      240
gaccaaagtg taaggggctc tccttctgaa tattgtagtc tgaaaacgtg cgtccatcct      300
ttaactgctt gccagcaaag ataagacgtt gctggtctyg yyyaataccc tccttgtctt      350
ggatctttga cttgacgttg tcgatagtgt ccgagctttc aacttccaaa gtgatagtct      420
tgccagtgag cgttttaacg aagatctgca taccaccacg aagacggagg accaagtgca      480
atgtagactc tttctggatg ttgtaatcgg acaaagtgcg gccatcttcg agctgcttgc      540
cggcgaaaat gagacgctgc tggtcaggag gaattccctc tttatcttga atctttgact      600
tcacattatc gatcgtgtcg gatgattcaa cctccagcgt aattgtcttt ccggtgagag      660
tcttgacgaa gatctgcatg atgacgacgg tgaaagtatt tcagttgtat agaaggtagt      720
aaggagtatt tttaggyaya cgttgggaga aaggtaggtg gacaacagcc gcagtgactg      780


<210> 7065
<211> 637
<212> DNA
<213> Aspergillus oryzae


<400> 7065
ctcgggtaag cagccttcga tcgccagtcg ccgaatcgcc atcattatcg gcgacggata       60
cgaccccgtc gctttcaatg gcctcaaggg cgccatcacg gcggttggag ccttaccttt      120
```

- 2509 -

```
cgtcattggc accaagcggt cacctatcta cgccgacggt gaggacaaat catcttccaa      180
gggcgtgatc gccgaccacc agtatgacgg acagcgctcg acgatgtttg acgctacctt      240
catccctggc ggtccgcacg tcgaaagcct caaggccaat ggccagatcc ggtactggat      300
cattgagaca ttcggtcatc tcaaggctct gggcgccact ggtgaagcgg cggctttcat      360
caaggaagcc ctgggctccg cgcttgatgt gaaggtcgct acgtctgata accccccagcc      420
ggttgagtgg tatggtgttg tcacggctgg aaagatccac aaacctgaga gcttcaaggg      480
aggtatccag attgtcaagg atgcgaagga tttcattaac accttcttct accagatcag      540
tcagcatcgg aactacaagc gtgaactgga tggccctcgc tccacaggtg cattctaaat      600
gctttcgtga atggttgagg acatggaagg ctgtgtt                              637


<210> 7066
<211> 644
<212> DNA
<213> Aspergillus oryzae


<400> 7066
gatcattcgg gtcttgggca attgtttaat tgatcccctt agtctatttt tctcctcgtc       60
aatcacccca aggatcaggg cattttttcc cctctaaagt ccttccacat tccacccact      120
ccgtttcaca cacccccctc cttccaatct taattccttt gtcactccga cattcgtccc      180
ttttagactc gacaagatga gagaagttat tagtttgaac gttggtcagg ctggttgcca      240
gatcgccaat tcttgctggg agctctactg tcttgagcac ggcatccagc ccgatggtta      300
cttgaccgag gaacgcaaga aggaagaccc tgaccatggt ttcagcacct tcttctccga      360
aactggccag ggcaagtatg ttcctcgtac catctacgcc gatctggagc ccaatgttgt      420
cgatgaggtc cgcactggca cctaccgtac cctttttccac cccgagaaca tgatcaccgg      480
caaggaggat gcctcgaaca actatgcccg tggtcactac accgttggca aggagatgat      540
cgaccaggtc ctcgacaagg ttcgccgtgt ggccgacaac tgcgctggtc tccagggctt      600
tctcgtcttc cactctttcg gtggtggtac tggttccggt ttcg                      644


<210> 7067
<211> 701
<212> DNA
<213> Aspergillus oryzae


<400> 7067
cccatcgtcc tccccgctag acttcgacac aaagcagtgc tcctgtgttg agtgtaattc       60
tacgggcctt ttctccacca tcaataaata aaacacacca tggccatgcc catgcgaacc      120
actcgccatg ctaccaagct ggctcagtct tcgcgcctat tggctcagta tacctctcgc      180
agatcttatg cgacggcgga acccgatctg aagtccgccc tcaaggcggt catccccgcc      240
aaacgtgaac tcttccagca ggtgaaacaa cagggtgacg atgtgattgg tgaggtcaaa      300
gttgccaatg tcattggtgg tatgcgtggt ctcaagtcga tgctctggga gggctcggtc      360
cttgatcccg atgaggggat ccgcttccac ggcaagacca tcaaggattg tcagaaggag      420
ctccctaagg gtacctccgg taccgagatg ttgcccgaag ccatgttctg gctcctcctg      480
acgggacagg tcccctcgac cagccaggtg cgcgccttct cgcgcgaatt ggccgagaag      540
tcccacctcc ctcagcacat cctggacctc attaagtcct tccccgcaa catgcacccc      600
atgacacagc tgtcgatcgc cgtcgctgct ctgaacactg agtcgcagtt cgccaaggcc      660
tacgagaagg gccctgacaa ggccgattac tgggagccca t                        701


<210> 7068
<211> 648
<212> DNA
<213> Aspergillus oryzae


<400> 7068
caacttgttc atcacacaag acagtaaact ccggctcgaa aggtccggct gtatactgtt       60
taaggatgca tcagcaaata agggtggcgt gacttcgtcg tcactagagg tccttgcgtc      120
gttgtccttc aatgacgatg agttcgtcga aaacatgtgt gtccgtgaag atggcagtgt      180
tcccacattc taccaggatt atgtcaagca ggttcaggag gtcatcaagc agaatgccac      240
cctcgagttc gaggccatct ggcgtgaaca tgagcaaaact ggccttctcc gcagcgtcct      300
cagtgatcgc ctcagtctgg ctattaccaa gctcgatgag gagttacaga agaccgagtt      360
atgggacaat gttgaactcc gccgctcggt ccttgatgac gctttgccca agctacttct      420
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gaacaagatt gggctcgaca caatcttgca gcgagttccc tgagaactat ctccgggcca      480
tatttggcag ctacctcgca agtcggtttg tatacgagta tgggagcaaa cctagccagt      540
tctccctcct tgacctcatg accaatcgac tttccaaggc tatggcaaaa catgctttca      600
aagggcgtgt gatgtccacg ttaggatttg gatcttccgg gtaaacat                   648


<210> 7069
<211> 696
<212> DNA
<213> Aspergillus oryzae

<400> 7069
gtggatctgt gggtggatag ttagcaggag aaccgtacga cgtataacgt tgtcgcgcac       60
acgaacggcg gtgatccgaa caacgtcgat ctgctgggtg ggcacacgga ctcactcgag      120
gcggggcctg ttatcaacga ctatggctcg gggattatta gcaagttggt cattgtcaaa      180
gcggtcacgc aatacttcgt caagaatgcc gtgcgcttgc tcttctggac aacatacgag      240
tttcgtctgc tgggcacgaa ctactactt  tcccatttga atgccaccga gctgaacaag      300
atccgactgt aactgaactt cgacatgat  gtctcaccta actacgccct gatgatctat      360
gacagtgatg gatgggcgtt caacctgagc ggaccgggcc gtttcgccct gatcgataaa      420
ctgttcgagg actactacta attccataga cctgcctcat atccccaccc cattttgagg      480
gaaggtccca ctaccaaggc tttattctga accggatttc gttcggtgga ctctttacag      540
gcgcgcgggg cattttttt  ccaacaaaaa cccaaacccc ttgggaagtt tatccctggt      600
tggccttaaa accacaatta tccccccgcg ggagaaataa tgaccacccc caccctgaga      660
aacttttttt caacatcaaa acacaccctt ttttct                                696


<210> 7070
<211> 666
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G


<400> 7070
aatggaccac gcagcagccg ccttttctta atctatttga ttgctcctct cctatacggc       60
ctccctgaaa actgtggaat aaatatctca gttggctaaa accctgcagc tgatctcaaa      120
ttccatctgt tcaccgtcat aactgttggc tcaacacgaa agcaggcctc ccaccatatc      180
cgataccacc caggtccaga atatatcatc agtgcatgtt tgtggccgat catacgttct      240
atacgagagt ctacagtcat ggaacaatcc acccaaagtg ctagccagca gcagggcaga      300
cagcaacctg tgtatgatac tagaaacggt ggacactatg gtgccagcgc agcgctttct      360
gcacaggat  atgcgcccgt agctgaactt tatacgggta cttgggcaaa tgtcaatcaa      420
ggcttgcaag gcacggctcg tgatattctg acaacgtatt ggcagcatat catcaaccac      480
ctcgaatcag acaaccatga ttataaaatc catcaactgc cattggcgcg tattaagaag      540
gtcatgaaag ctgatccaga agtgaaaatg atttcagccg aggcaccaat cctctntgct      600
aaaggttgtg atatattcat taccgagctg actatgcgag cctggataca tgccgaggac      660
aacaaa                                                                 666


<210> 7071
<211> 706
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(706)
<223> n = A,T,C or G


<400> 7071
ccaaggcacg gcgtggcccc ctcaccgcgg agtctttcag ctctgctcaa acatgaaagc       60
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gtctcaactc ggaatcgatt agcagcagta tgctcgtcca cgcaatacgc aacggcccgt      120
aggtcattac acaacggtcg tccacggaag tcccagtccg ccgccgcaag taacaactcg      180
tccaatcccg ccctatcatt tccttgtctt gacgcccaag atgcgaagtc cgctctcctc      240
tccgcacggt ctatcgagtc aggtcccgag ccgtcataca caaccggcca ccatgaacag      300
ttccgctgcg aagacccatt gctgcttgac tggggtggtg tcctgcccga atttgatatc      360
gcatatgaaa catggggtca attgaacgca gacaagagca acgctatcct cctacacacc      420
ggtctctcgg cctcgagtca cgcccatagc accgaagcca attccaaacc gggatggtgg      480
gagaaattca tcggccccgg gcaacctta tatacaaaca agcacttcgt catctgtacg      540
aatgtcatcg gaggctgcta cngcagcacc gggccctcgt tcatcgaccc ctncgatgga      600
aagagatacg cccacccgat tncccatcct gacgatagag acattgtgcg cgcacattcc      660
gtctcttgga ctcgcttgga attcaaaaac tgtcgccctc cgtcgc                     706
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<210> 7072
<211> 1029
<212> DNA
<213> Aspergillus oryzae

<400> 7072
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cgcaaccctc attactaaac ccctcagaag aatcgagtct gccaagcaac ttgccgaaag       60
aatggcttct cttcctaaca catacgcgga ccccgtccgt atcgccgtca tcggtggaac      120
tggtctccgc gaactccctg gtttcactca ggttgcttcc ttgaacatct cgactccttg      180
gggcactccc tcctccccga tcacgatcct gcatcaccag tgctctcaca caaacagac       240
cgttgctgtt gctttcctta gtcgccacgg cttgcaccat cagattgcgc cccatgaggt      300
gcctgcccgc gccaacatcg cggccctgcg ctccattggt gtccgcacca tcattgcctt      360
ctcggccgtc ggcagcttgc aagaggagat caagccccgc gacttcgtga tcccagacca      420
ggtcattgac cgtaccaagg gcatccggcc tttcacattc ttcgagggag gtgtggttgc      480
tcacgttcct ttcggagacc cgttcgatga gggtgttgcc aaggttgtga gggcttgcgg      540
ccacagcctc gaaggcgagg gtgttgtgct gcatgaccgc ggcacattgg tgtgcatgga      600
gggacctcaa ttctccactc gcgccgagag taagctctac cgctcctggg gtggcagcgt      660
catcaacatg tcttgtcttc ctgaggcgaa gctggctcgt gaggccgaga ttgcctacca      720
gatgatttgc atgtccactg actatgactg ctggcatgag gctaccgcag atgtcactgt      780
ggaaatggtc atgggaaata tgaaggccaa tgctgagaac gctaagcact tcgtgactgc      840
cgtcctcgat gagctcgcct ctgacaagaa ctcggaactt gtccaagcta agcatgtgga      900
aggctctgtc aagttcggtc tcagcaccgc ccagcctaac tggagccctg aagctagaga      960
gaggatgaac tggctttttcc ctggatactt caactaattc atttgctatt agagaaggtg     1020
cctgaacat                                                            1029
```

<210> 7073
<211> 569
<212> DNA
<213> Aspergillus oryzae

<400> 7073
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ggtgtccgat gtcgctaacg ctgttcttga gggagccgac tgtgtcatgc tttctggtga       60
gaccgctaag ggctcatacc cttgtgaggc tgttaagatg atgagcgaga cctgtttgct      120
cgccgaggtt gccattcccc acttcaatgt ctttgacgag ttgcgcaacc tcgctccccg      180
ccccactgat actgtggaat ccatcgccat ggctgccgtt agcgccagtc ttgagcttaa      240
cgccggtgcc attgttgtct tgaccaccag tggtaacact gctcgccttc tttccaagta      300
ccgccctgtg tgccccatcc tgatggtcac ccgtaaccct agagcttcga ggtattctca      360
cctctaccgt ggtgtctggc ccttcctctt ccccgagaac aagggagaca acattgtctg      420
tgtccagggt tggcgcggag gccatggcca caccaacacc gttcgtgtgg tccagctga      480
ggagaacctg gtcttgatga gtaattcaga ccgcagtatc accttggggg cctgaagtgg      540
taacgaccac aacttgggtt cggaaaact                                        569
```

<210> 7074
<211> 673
<212> DNA
<213> Aspergillus oryzae

<220>

- 2512 -

<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 7074
ttcaacagcg cccagaacga cggaaagcga gtatccttgg cggatctcat tgtgctcgct   60
ggctgcgcag ctgtcgagaa agctgccagc gatgccggcc atattatcac cgtgcctttc   120
acgccgggac gcatggatgc ttcgcaggac cagacggatg tcgagtcatt caatcagatg   180
gagcctgtgg cagacggctt ccggaactat ggcacatcca ctgctcgggt gccagccgag   240
cactatctgg ttgacaaggc gcagttgctg actctatctg cgcctgagat gacggtactt   300
gttggtggtc tgcgggctct gaatgccaac tacgatggct ccgcccatgg agtgtttact   360
acccggccgg gccagctgac gaatgatttc tttgtcaatc tcctcgacat gaacacctcg   420
tggaaggcat ctggcagtgg caatgacatt tacgaaggca ccgaccgcag aaccggctcg   480
aagaaatgga ctgccaccag ggccgatctg gtcttcggat ctcacgccga gctgcgcgcc   540
atcgccgagg tgtatggcag cagtgacgga aagggcaaat tcgtaaagga ctttgttgcc   600
gctggngcta aggtcatgaa ccttgacagg tttgatgtga actaggatgt acattctttc   660
ttttaacttt t   671

<210> 7075
<211> 689
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 7075
cttcaccacc tcacgcttcc ccccaaccct cagtcctcca catcctctta cttctcacct   60
atcgaaccct ttcactcctc tagcttcgat tttgtttttc tccactctat caaattaata   120
atgagttcgc ccttcgatat caacggtggt gcctgcgtcg ccatggtagg caaggactgc   180
gttgcaattg cctgcgatct ccgactcggc atgcaggccc tgaccgtctc caataacttc   240
cccaagatct tcaactacag cccatcgacc ttccttggcc tgaccggcct ggcgaccgac   300
gtctcgaccg tctcagatct cttccgctac aaggttaaca tgtaccgctt gcgtgaggaa   360
cggaacattg caccccagac cttggccaac ctggtcagtt catcactgta cgagaggaga   420
tttggacctt tcttcgtcag tcccgtcgtt gcgggtataa acagcacaac tggcaagcca   480
tttatctgtg gctttgatag tattggatgt atcgactttg caaaggattt cattgtcagc   540
gggacagcta gtgaccagct gtttggtacc tgtgagagct tatgggagcc ggatctggcc   600
cccgaggact tgttcgaaac catctcccag gctctcctca gtgctgttga cagagacgca   660
ctctccggtt ggggtgcaca ggtgtacan   689

<210> 7076
<211> 999
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(999)
<223> n = A,T,C or G

<400> 7076
ccgcaaggaa atggccgaga tgaagccact gcctagcatc tactatcccg actttattgc   60
tgccaaccag gaggaccgtg ccgacaacgt cctcgaggga accaaggctt gctgggctca   120
cgtggagaag atccagcagg anatcgggga cttcaaggcc cagcacggtc tggacaaggt   180
gattgtcatg tggactgcca acaccgagcg gtacgccgac atcgtccccg tgtcaatga   240
taccgccgac aacctcctca actcgatcaa gactggccat gaggaagttg ccccgtccac   300
tgtctttgcc gtcgcctgta tcttggagaa cactcctttc atcaacggtt cgccccagaa   360
caccttcgtc cccggcgccc ttgagctggc cgagaagcac aaggccttca tcggtggaga   420

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cgacttcaag tcgggccaga ccaagatgaa gtcggctctc gtggacttcc tcatcaatgc    480
tggtatcaag cttacttaca tctgcggtct actccacctg tgcagacaga ccctgagaac    540
ctgagctccc acaagcattt ccgctgcaac gaaatgacca agtccaacca tgtgtatgac    600
atggatgggg tcaacctcat cctgtacaat aaggatgagc attcggacca caccgctgtg    660
aataagtaca taccggccgc tggtgacaac atgcgtgctc tggatgaata ctactcccag    720
atcttcatgg gcgggaaaca gaccatcagc ttgntcaaca tatgccatga ctccttgctg    780
ggtttccgta tgattattaa attggatgag cttgccgaga atattacttg cgttaactgg    840
aaagatgagg aaggtggcga ctacaaaggc ttcaaccagt ggtcactacc ttagctacat    900
gtccaaggct actttgctgt ctgggccacc cccggtgcgg tcgagttagc aaatcaagct    960
atgcatgaat cacatttttc ttgcttggct tggctcccg                           999
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<210> 7077
<211> 894
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(894)
<223> n = A,T,C or G

<400> 7077
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ggatcgagcg tctgcggact attaaccgtc gcactctgga ctctcttgca gctcgtgtat     60
attttttatta ctccctcttc tttgagcaga ttactcctct ccccccttct cctgctgcca    120
cggttacaat gattcgccag ccattgcttg cagcgctcag acggccgtg cttcgcaagg     180
atgttgacac ccaagctact gttatgacat tgcttctgcg caactacttg tccacgtctc    240
atatctcaca agcagatctg cttatctctc acaaccgctt cccgcagtcc gcatctaaca    300
atcagattgc ccggtacttg tactacttgg gccgtatccg tgctatccaa ttacagtata    360
ctgatgctca cggacacctg atcggtgcta ctcgcaagtc accctccagc cacagtcgcg    420
gtggatttta tcaatcctct cataagttgc tcgtggtggt agagcttctt atgggagaca    480
tccccgaccg tgcgatcttc cgtcagcctg ctctggaacg tgccatgcac ccttacttct    540
tgcttgttca agccgtgagt gtaggtgacc tggatggctt tttgagcatt gtaaatacgc    600
acagtacgac attccgtaag gatggcacgt acaccctcat cctgcgcttg agacanaacg    660
ttataaagac cggaatcccg atgatngtcg ctgcttattc tcgcatctcc ctgcgggaca    720
tttgccttnc gcctgngctg gacagtgagg aatcagncga gtacatcgtt gccaaagcga    780
tcncggaccg tgtgatagag gccactcttg accatgagcg nagatttatg aagagtaagg    840
aaggttgaga aatttatgcg actagaggac cttgcgaggc attccacgga cgct           894
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<210> 7078
<211> 974
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(974)
<223> n = A,T,C or G

<400> 7078
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gccaaggata tacttatctt tgcgattggt ggtcagtcgg tgccatcatg tttgaatgtc    180
ttgtgggatg gccacctttc tgtgccgaag acaccaccga tacctaccgg aagatcgtga    240
actggaggga gtgtctctac ttccctgaag agcttactct ttcccgcgaa tccgagggct    300
taatccgaag cttcctttgt gacgcagagc accgtgttgg caacgacggc ggccaattcg    360
gtggtgccac acaaatcaag aaccatccgt tcttccgtgg tgttgtttgg gagcagcttc    420
gcaatattcg tgctccattc gaacctcgat tgagctccaa tattgacgtg tcatacttcc    480
ctattgacga aattcctcag gaagatacca gtgctatcca tcgtgctcag gcccgtgcca    540
tgcccgagga acaggaggct gaaatgagcc ttccgtttat cggatacaca tacaaggcat    600
tcaatgcctt ccagaacaac tgagaatcgc actgatactc gagatgatcg atgtatgcag    660
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gatgagcgcc tcggaaagcc ggtccgcggg caggcttgcg cggaagtatt tccagcggct    720
catctaagat ctattctcga aatatctttg ttcatttgat ttcatctagc gtctagcgca    780
tttggcattt catgtcattg ataacgacct gtgcatcttc cttactgtgt ttgcatgtcg    840
caagacgacc ccggctagtt gcacaccgtg tctagcctta nagaactaca aacaagtgca    900
ttatttggtt gaagttcaga gcctgtgaca cctacaagtg cggatcacga atgactggct    960
actttgtttt cctc                                                      974


<210> 7079
<211> 704
<212> DNA
<213> Aspergillus oryzae


<400> 7079
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ccaatctggt tcaacagatg atgccatatt ttgcgatgca gcgttcctta tacgaagtgc    120
gggagcgtcc atcgaaagcc tactcatgga aagcattcat gctcgcaagt attgtggttg    180
agcttccatg gaacatgctg atggctgtgc ctgcgtactt ctgttggtat tatccaattg    240
gccttttccg caacgcctat ccaacagact cggtaacaga gcgtggtggc acgatgttcc    300
ttcttgtctt gatctttatg ctgttcacgt ccacgtttag ctcgatgatg attgcaggca    360
tcgaccatcc ggaaaccgct agcaacatcg ctcagctgat gttttcgatg tgtctcatct    420
tttgtggtgt acttgcaagt ccagacgtcc tacctcggtt ttggatattc atgtggcgcg    480
catcaccgtt ttcctacctc gtgggctccg tcttggcggt aggcatagcc ggggctccag    540
ttcattgctc ggatatcgag gtgcttcata taccacctcc cggagggcca aattgctcgg    600
gctatctcga agcctttacc acgatggcga gaagcacgtt gctcaatcct gaggctgaca    660
gcgactgcca agtatgttcc ttgtccacga cggatcaatt tctg                     704


<210> 7080
<211> 1065
<212> DNA
<213> Aspergillus oryzae


<400> 7080
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aggatgcgca ctcccagcgc catgctcatc aaaggcgcct cctccctgag gaggccgcag    180
gttatgcaca gattcaagga tgctgttcaa ccccaattgc ccgccttcgc tgccctttcc    240
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cccggagatg ttttggtcga gattgagacc gataaggcac agatggattt cgagttccaa    420
gaagaaggtg tcttggctaa agttctgaag gaaactggtg agaaggaggt tgctgtcggc    480
tcccctatcg ccgtcctcgt tgaagagggc actgatgttt cgtcgttcga gtcgttcacc    540
gctgaggatg ccggtggtga caagggtgct gccccagctc aggagagcaa ggaagaatcc    600
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gctgccaagg ctcttgctct ggagaagggt gtgccaatca aggcccttaa gggcactggc    780
cgaggcggtc agatcaccaa ggaggatgtt gagaagtaca gcccagcgc ttctgccgct    840
gctggcccta cctatgagga tatccctctt acatccatgc gcaagactat tgccagccgc    900
cttcagcaat ccaccagaga gaaccccac ttcttcgtct caactactct gtctgtcact    960
aagcttctga agctccgcca ggcccttaac gcctctgccg atggcaagta caagcttttcc   1020
gtcaatgact tccttgtcaa gcttgtgctg cggctcttca gaagg                  1065


<210> 7081
<211> 663
<212> DNA
<213> Aspergillus oryzae


<400> 7081
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caaaggtgcc cttgtatacg accctgtat cggccaacac gactacatcc aggaagaagt    180
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- 2515 -

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gtcggaactg gagaaactcc acgactcatg cggttacaag gattacctag acgagtacct    300
cgtcttccct cccgccggtg tgcaaccccca gaaatccttc aactacacca gcgacgccga   360
ctgcgacgtc ttcgacctga tcagcaacga agccctggtc gccaactcct gcttcgacat    420
ctacgagatc aacctcatgt gcccgctcgc ctgggacgtt ctcgccatgc ccacagcatt    480
caactaccag cccgccggtg cgacggtgta cttcgaccgc ccggacgtca aacgtgccat    540
gcacgccccc ctgaacgtca cttttcaag ttgttccaac gagaacgtct acgtttgcgg      600
cgacgcccgg ccggaacaag aaggagactt gtccgcaacc cgatcgaaca cgtccttgct    660
tag                                                                   663


<210> 7082
<211> 1229
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc feature
<222> (1)...(1229)
<223> n = A,T,C or G

<400> 7082
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ctattccgac tgctgctcct aaaaatgtta tcctgcaatc tgctctgaag ccttcatacg    180
cggctttctc gacttctagc gtattcaaac agtctcaagc tgaaggtgat tttgagcttg    240
ctgccaagct tgaggatgaa ctgaagcatg acaaggcttc tggtcttgag gacctggatt    300
cttccgtcca gaacatccag tatgttcttc agaacaactc ctgggaggtc aaggacgtcc    360
ccggtgacca ggaggtcgtg ttgacgaaga agttcggtaa cgaggagatt cgcctcacct    420
ttaccgttgc ggaccttcag aacctgagcg aacaagagga attcgacgac caggctttga    480
gtgacgagct ggattttgag ggcggccacc agcccgctaa ccggggtgcc tctggcaacg    540
ttgcccagca ccccgaggat cgggttgccc cggctgatcg cgagctggat gagttggacc    600
gtgatctgga gcccagcttc cctgcccgcg tcaacatcac cgttgagaag ccaagcaacg    660
gcgctttgct gatccagact gttgcccagg atggtctctt ccagatcgag gaggtctcct    720
acttctctaa gcctgacttg gcacatgccc agacagctga aaaggactgg gctagacaga    780
gcctctacgc tggacctccc tttgagaacc tcgatgagga tctgcagacc ttcttggagc    840
gttacctcga ggagagaggc atcaacgcag agctcgccaa catgattcct gactacatcc    900
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cttaaatgca gaccaatgat gcattaatgc gtctgcaaat atgcattggt taaatcccta   1020
ctcctaattc taattctaca ttcctcgact ttctcgtgat ctttttgtga gggagtttgc   1080
cgtaacttcc tgtcatgtta gcttgacgtc tgtccatgca agtcgcctat gacaatattt   1140
gctaggcagt gtgcacgtgt atcaatatag aaacgaattt agcatctaca tgtattatat   1200
ttaaaaaaaa aaaaanaaaa attcctggg                                      1229


<210> 7083
<211> 715
<212> DNA
<213> Aspergillus oryzae

<400> 7083
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ccaaccttcc caaccagcgt cacaagattg tcgctaagcg gggtgcggct ttcactatta   180
tggttgctgg agagtctggc ttgggaaaga ccacgtttat caacaccttg ttctcgacga   240
ccatcaagaa ctatgccgac cacaagcgtc gtcaccagaa gcagattgac cgaactgttg   300
agatcgagat cactaaggcc gaattggagg agaagttctt caaagttcgc ctgaccgtca   360
tcgataaccc cggattcgga gactacgtca acaaccgcga ttcctggcaa cccatcattg   420
agttcctcga cgatcagcat gagtcctaca tgttgcaaga gcaacagccc cgccgcacag   480
ataagatcga tatgcgtgtg catgcctgtc tgtatttat cagacccacc ggtcacactc     540
tgaagcccct cgatattgaa gtcatgaaac ccttgagctc tcgcgtcaat cttatccccg    600
tcattggtta aagccgacac ccttcagccc ggcgatctgg ctcgatacag gcagagagtt    660
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- 2516 -

aaagctgtca tttgagccca aagcatcagg atttacactt cccccgattg aagaa 715

<210> 7084
<211> 675
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 7084
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tcagaccaag gtcgtctgta ccaagtcgaa tatgccttca aagccatcac ctcagctaac   180
ataacctcgt tgggtgtgag gggaaagaac tgtgctgtgg tgttgtctca gaagaaagtc   240
gctgataaac tgattgatcc atcctctgtt tcacatatct tccggctctc tccctctgtt   300
ggttgtgtca tgaccggctc catagcggat gctagggctt ccgttgaccg tgctcgtgga   360
gaggcggcgg agttccgata caaatacggt tatgaaatgc cctgtgatgt tcttgcgaag   420
cgacttgcca atatcaatca ggtctacaca cagagggctt acatgcgccc gttaggagtc   480
gctatgaccc tgatctctgt cgactcagag aatggcccac aggtctacaa atgcgacccc   540
gcaggctact acgtcggata caaggccacc gcatctggtc cgaaacagca ggaggcaatc   600
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gtcnaattgg gaatc   675

<210> 7085
<211> 672
<212> DNA
<213> Aspergillus oryzae

<400> 7085
cgaaggttga ggaagacaag tcttgtcgag gccttcatca agatgcagat cttcgtcaag   60
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aagtccaaga tccaggacaa ggagggaatc cccctgacc agcagcgtct gatcttcgct   180
ggcaagcagc tcgaggacgg ccgtactctt tctgactaca acatccagaa ggagtccacc   240
cttcacctcg tgctccgcct gcgtggtggt ggtaagaagc gtaagaagaa ggtctacacc   300
accccaaga agatcaagca caagcgcaag aagaccaagc ttgccgtcct caagtactac   360
aaggtcgacg gtgatggcaa gatcgagcgt ctccgccgcg agtgccccgc ccccgagtgt   420
ggtgccggtg tcttcatggc tgctatgcac aaccgtcagt actgtggcaa gtgccacctc   480
acctacgtct tcgacgagtc caaataagcg atctaatttc ggatcgcccc gcctctcttg   540
ttaccggtga tgcatacgag tttatctaag gcaatttcgg tggatttaga ttggtggata   600
ttaggttgag gagcatgggt taccatagtc cgataggagc cttgaaaatg aaataaacat   660
tcgaaacact cg   672

<210> 7086
<211> 655
<212> DNA
<213> Aspergillus oryzae

<400> 7086
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gttcgtctag gcttgtgctt gtcattcttt cacatccagt ctttcgttcc gtcttctcca   120
cattcgtct agagagcaat cactatggtt atcttgagca aagtcgctgc cgtcgcggtc   180
ggcctctcca cggtcgcctc tgcattgccc accggtccct ctcactcccc ccatgctcgt   240
cggggattca acatcaacca gatcaccagg cagactgccc gcgtcggtcc aagaccgcc   300
agcttccccg caatctacag cagggcgctt gctaagtatg gcggtactgt ggctgcgcac   360
ctcaagagcg ctgttgcctc gggtcacggt actgtcgtga cttctcccga gcccaatgac   420
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ggctcggccg atctctgggt cttctccgag gagctcccca gtccgagca gaccggccac   540

gacgtctaca agcctttctg gaaacgcctc caagatcgct ggtgccagct gggacatcag   600
ctacggtgat ggcagcagtg ccagcggtga cgtttatcaa gatactgtca ccgtg   655

<210> 7087
<211> 1604
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1604)
<223> n = A,T,C or G

<400> 7087
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gaggctaacg ccaacgccga gttcaacaag tctgctgagt acaccaggat cagccctctc   180
ggcaaggtcc ctgctttcga gggtgccaat ggttacactc tctccgaggc tattgccatt   240
gctgtctacg tgacctccca gaatgagaag accaccctct ggggtaagac caagcaggac   300
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gcttggtacc gtcccctctt gggcttggat ggctacaaca agaagaacgt tgaggaagct   420
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ttcgctaccg tgttggacaa gaagttccgc tctgagaacc ctgctgtctc tcgttggttc   600
cagaccattg tcaaccagcc ttacttcaag gctgttgttg agaacccagt tcttgttgac   660
gagatcatca gtacacccc tcctaagaag gaggagaagc ccaagaagga ggctgctcct   720
gccgctgctg ccgagcccaa gcctgagggt gagcagaaga gcccaagca ccccccttgag   780
gcctcttggc aagcctgatt tcatccttga tgaccttaag cgtacctact ccaacgagga   840
cacccgtccc gttgctctcc cttggttctg gcagaactac aaggcccgag gagtactccc   900
tgtgggaagg ttgactacaa gtacaatgac gagctcaagc tcaccttcat ggccaacaac   960
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gtcactgtcg acggcaagga gtaccctgg gctgacggcc acgtcttcaa ataagctagt   1260
gcattaggtc ccgtggcaaa tttatgatgt tacgtcctaa tttcttatcg tttggtggcc   1320
tttctcattt tcggcctgaa aagcttcact tcactttata ccctagggct ggagagtgct   1380
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acactatttg atcatgtcat gcttacgaat tgagatgtcg gatgatgcag tagctaccta   1560
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<210> 7088
<211> 505
<212> DNA
<213> Aspergillus oryzae

<400> 7088
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gtggtccgcc acgtggccca aggaagtccg tcagcttgct tcggatttcc tcaatgatta   120
catccaagtc aacatcggtt ccatggacct gtccgctaac caccgtatca cgcaaatcgt   180
cgaggtcgtg tcagactttg aaaagcgcga taagatgatc aagcaccttg agaagattat   240
ggagaaccgc ggcaacaagt gtctcatttt cactggtact aagcgtatcg ccgacgaaat   300
cactcgcttc ctccgtcagg acggatggcc agcactttct attcacggtg acaagcaaca   360
acaagaaaga gattgggtct tgaacgagtt caagacgggc aagagcccaa tcatggtggc   420
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<210> 7089
<211> 694

<212> DNA
<213> Aspergillus oryzae

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aagcgagaat gtctatctgc aagtttggt gaagctctat cgcttcctcg cccgtcgcac   180
ggactccaac ttcaacaagg tcgtgctgcg tcgtctttc atgtcgagaa ttaaccgccc   240
ccctgtttct ctgtcgcgta tcgcttccaa cgtgaccgat gcgcacaagg caagaccat   300
cgtcgttatt ggctccgtta ctgacgacaa ccgcctgctt aacgtcccga agctgtctgt   360
ggctgccttg cgcttcactg ctactgccag agccagaatc gagaaggccg gcggagaaac   420
attgaccctg gatcaacttg ctctccgggc tcctactgga gcgaacacac ttctcctccg   480
tggacccaag aacgctcgtg aggcagtcaa gcacttcggc tttggtcctc atagccacaa   540
gaaaccctac gtgcgaagca agggacgcaa gtttgagagg gcccgtggaa ggagaaggtc   600
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<210> 7090
<211> 2142
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(2142)
<223> n = A,T,C or G

<400> 7090
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ggtaaccaag ttggtaccgc cttctggcaa ataatctctg gcgaacatgg cctcgacgcg   180
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gaggtcggca accagaaata tgttccccgc gcggtcctcg tggacttgga gcccggcacg   300
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gttgattctg ttgtggatgt cgttcgtcgt gaagccgaaa gctgtgactg tctgcaagga   480
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cgcaccctga aactggggga agggcacctg ngctgtcctg ctcttctttc cttcttctct   780
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tccgatgccg gttccagttc ctgttcctgg tggagagcca aacggtcctg gcggagtccc   1080
aaccgttcct ggccttcctg gtattcctgg tgttcctggt gttcctggtg ttcctggtgt   1140
tcctggacac cccaaccacc ctgaagaccc agaggatccc gaagatcctg aagatcctga   1200
agacccggag gatcctgaag acccagaaga cccagaagac cctgagggac cttccaaggg   1260
tggctgtgac gacgacggct gccacggaac tggacacctc atacaggatc tgggcccgca   1320
agccaagac atcctgacca ttgttggtga acacacgag gagctcttgc tcaagctcag   1380
ccccggtgtt gctgggcttc tgaccggact cggcctcct ggcttgggcc aacccgtcgg   1440
tcacatcatc aagagcgctg ccaccattgg ngaactcatc gcggacttgg gtgactccgt   1500
cgaatgcctc ttgaccgtca ttggacagga nggtggattc ctgttgattg aacttgagcc   1560
gtccattgct ggactcctca ctggactcgg actgcctagt atcgctcaac ccgtcggcag   1620
cattgtcggc actgtcggca agcactcaa gggtgacgat ggactcctcg aagacttgc   1680
tccagttgtg aactgcgctc ttaaagtcgt tggagaggac tccaagattc tcctcattgc   1740
attgagcaag tccgttgctg agctgctcat ggtttgggt ctcggccagc ttgccgagcc   1800
tgtcggcact gtcatccagt ccgctgcgac cgttggcgat ctcgtctatg acttgggtga   1860
ccccgtggag tgcatcctga ccatcatcgg tgaagacgga ggtgctctcc tggttcagct   1920

- 2519 -

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ttctccttct attgcaggcc tccttgtcgg actcggattg cccggtgttg gtattccggt      1980
tgcacaggtg gtaaagactc ttggcgaggc tttgtaaata cggtcgtcgg acgtccgaaa      2040
cacttcggcc accaaagcaa agggcttgac cgaaaaggga gatgaaccac gggctgctgt      2100
gtgtatataa ctttaaggat ggataaatca aggtgcaata tg                        2142


<210> 7091
<211> 629
<212> DNA
<213> Aspergillus oryzae


<400> 7091
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cctttgaccg cgactccaac ctggaagaga tgcaggccat ccttgcagct gactattctt       180
ttactccgct tgaatattgg cggggtgtct cgcagcacgc ccgggatttc atcaaacggt       240
gtctgaccgt ggatcccgaa gcgcgcatga ccgcccacga agccctccaa cacctctggg       300
tcaaccccgcc ctacgaccca tacgccgatc agtccggtca agacttgctc ccgaccgtca      360
agaagaactt caacgcccgt cggacacttc acaaggccat cgataccgtc cgtgcgatca       420
acaagctccg cgaaggtggc ggcctgatga tggacggggt gatgagcgta gacccgaaac       480
cggaaagggt caacggcaac catgtcgtcg aggaaacatc acaccacgac ggacagatgg       540
acctcgacag ccgcagcgat gcgcgcggcc agacggaaga acagatccgg gcacaggagc       600
agagagtgaa acagatggta gccggactg                                       629


<210> 7092
<211> 1129
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(1129)
<223> n = A,T,C or G


<400> 7092
cgaggcccaa ccttcccccc accactatca acgcggtcac ttcttgaacc tcccgcctat        60
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ccacattcac catggccgac tctttgactg aagaacaggt ctccgagtac aaggaggcct       180
tctccctatt cgacaaggac ggtgatggcc agatcaccac caaggagttg ggcactgtca       240
tgcgctctct gggccaaaac ccctctgagt cggaactcca ggacatgatt aacgaggttg       300
acgccgacaa caatggcacc attgacttcc ctgagttcct gacgatgatg gcgagaaaga       360
tgaaggatac cgactctgag gaggagatcc gggaggcttt caaggttttc gaccgcgata       420
acaacggctt catctccgct gccgaattgc gtcacgtcat gacctccatc ggcgagaagc       480
ttaccgatga cgaagttgat gagatgatcc gcgaggcgga tcaggatggt gacggccgga       540
ttgactacaa cgagtttgtc cagctcatga tgcaaaaata gcgctacct tcctgtatat        600
cccgccaatt gatagcgaaa atgagtgaga gtaaagaatc atattcatcc tgtctcattc       660
ccgcttctgc tattgctttg tagtctactg agtccgacat ccgctgtcga tggcagtcgg       720
ccgtgcgtac cgttttaagc gttgcctttt ttgcgggatg aatgcagttg gatggattta       780
gacggagcca gacgaattga gatgatgagg tggaatctag aaaacaccga atgtctcttg       840
tttggcatga ccacttttgg cttgcaattt cctataccgt tttcctttgc ccttctctcc       900
tacctactat tgacgtttat catacacccc attcaggttc ctgatttctg ggcttaggct       960
ttcatccc cgtagcaggt ttcanacagc tgcacataaa aatcaacaag aggccttttg       1020
catacccgt attgctntat cgtttccota cgttttgcta gacataggct gttatattcg       1080
atgtcttgag gagtttctaa attctaatga gaatcattca ctagagaaa                1129


<210> 7093
<211> 718
<212> DNA
<213> Aspergillus oryzae


<220>
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- 2520 -

<400> 7093

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gagctttcgg tattcttctt tctaaaacaa aaagaagaga aaacgaaatg agtgctatgg        60
aaaaggatca caaccgaaag cccagcagtt tgcggtctat catcgcgggc tcgactgcag       120
gtgccattga aatcgcaatc acttatccgg ctgaatttgc aaaaactcgg tcgcaactca       180
atcgcaaatt accggacggg aaaaagctgc catggcctcc gtttggaaag cagtggtacg       240
ccggctgcac gactttaatt ataggaaatt cgctcaaggc aggcatccgg ttcgtcgctt       300
tcgacaggtt caagtcactt cttcaggatg agaatggcaa gatctcgggt ccaagaacgg       360
taattgctgg ctttggggct ggcttcactg aatctctttt agcagtgaca ccattcgaaa       420
gcattaaaac ccaattgatt gacgatcgca aatccgctaa ccctcgtatg cgaggattct       480
tgcacggtag taaactgata ttccaggagc gaggtattcg aggttttttc cagggtttcg       540
ttcctacaac agcaagacaa gccgccaact ccgcgaccag attctcaagc tatactatgc       600
taaagcaact agctgaaagc tatgttgcac ctggagagaa actgggaacc gcgagcacct       660
tcgccatcgg cggtatggca ggctttataa cagtatatgt cacacaacct ctngatan       718
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<210> 7094
<211> 692
<212> DNA
<213> Aspergillus oryzae

<220>

<400> 7094

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tcattccgct cctggttggg gatgccgagg ttgctaagaa ggcctcggac aagcttctgg        60
aggagcatgg aatttatgta caagccatca actacccaac cgtgcctcgg ggtgaagagc       120
ggcttcgtat cacgcccacc ccgggacata tcaaggagca ccgcgaccac ctggtgcaag       180
ccgtccaaac agtctggaac gaactgggca tcaaacgcac cagcgattgg aagcgcaag       240
gcggcttcgt cggcgtgggt gtcgatggcg ccgaggctga gaaccagccg atttggaatg       300
atgtgcagct ggggctgaag gaaaacgaag ccattgaggc tgctgtggaa cgcgagtttg       360
ccgaggcccc catgcggacc gccacccgtc ctgccgcggc tgctgcttcg tcaatcccgg       420
tgggtgtggc tgcctgaagt ggctgcccgc atgtgagctg aaatcgacgt ggaattctat       480
acacacacac acacacacac acacacacac acacacacac acacacacac acacacacac       540
acacacactc taacacacac tgtgttataa ataacatata cacttctacg tcccgttgat       600
gacngtaagg gttatagaga ctattagcta caagcatgca gtcgatacca tcaaggatgg       660
gggccaataa tgattggaca tgatgggtgg ga                                     692
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<210> 7095
<211> 900
<212> DNA
<213> Aspergillus oryzae

<220>

<400> 7095

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gggtgtttac ggtttggccc gctccatgcc cacatccggt gctgtcgacc tggttgccaa        60
ggcacagggt ctgcagagct acgaggtgcc caccggctgg aagttcttct gcaacctgtt       120
tgacaacaag aagatctcga tctgcggtga ggagagcttc ggtactggta gcaaccacat       180
ccgtgagaag gatggtctgt gggccatcgt cgcctggttg aacatcatcg ctggtgtggc       240
caaggagaag ccggaccaga cccccagcat tgcatccatc cagaacgatt tctggcaggc       300
ctatggccgt actttcttca cccgctacga ctacgagaac gttgacagcg atggtgccaa       360
caaggttatt gctatcctat ctgacaaggt cgccaacaag gacagcttcg tcggttccac       420
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cgtgtccggc cgcaaggtca ccgatgtggg caacttctcc tacaccgacc tggacggcag      480
cgtgtccaag aaccagggcc tgtacgctaa gttcgatgat ggcagccgta tcatcgtccg      540
tctgtccggc accggcagca gcggtgccac gatccgtctg tacattgaga agtacgagag      600
cgacaagagc aagtttggcc tgactgcgtc cgagtacctg aaggacaacg ttgctctcgc      660
cctctctctg ctcaacttca aggagttcat cggccgcgag gagcctgacg tccgcactta      720
agtgacaatg atttgatgtt tgtaaatatt gtgccacaag cgccttgagg cgcagagtta      780
ttatgatggg agcanaaacc atccatggac aggtttcttt ctnnnnnnan nnannnntnn      840
nnnnnnnnnt nnnatntann nnnnnnnnna nanaannana nnaaaaaaaa aaaaattctt      900


<210> 7096
<211> 758
<212> DNA
<213> Aspergillus oryzae


<400> 7096
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acctgcctct cgactttttt aaccacgatt ttctctcgc cncgccaatc ccccctcacg      120
tgcggggtct catcggcgtc aagcctactg ctttagctcg ccgcacattt aatttttcat      180
gattcaaggc ggtcattcta ttcgggcaca atgagtttca ctaatatgct caacaagctg      240
tcgggacagc ccgagagtta tgagaaaaaa caactgtaca aatttgggag aacacttggt      300
gctggaacgt acggtattgt ccgtgaggca gattgcagcc gtgggaaagt tgctgttaaa      360
attattctga agaaaaatgt ccgaggcaac gagcagatgg tttacgatga gttggagatg      420
ctgcaagccc ttgaccaccc aaacatcgtc cattttgtcg attggttcga atctaaggac      480
aaattctaca ttgtcactca actagccacc ggtggtgaac tgttcgacag aatttgcgac      540
tatggaaagt ttacggagaa ggatgcatct caaactatcc ggcaagtgct agacgcagtc      600
aattatctgc atgaacggaa tattgtacac cgagacttga aacccggaaa ctgcttacct      660
tactcgtgac ccatcctcgc ctttggttct agccgacttt ggcattggcc aaaatgttgg      720
acagtcccag tgaacgatcg cctacatgga tggggcat                             758


<210> 7097
<211> 677
<212> DNA
<213> Aspergillus oryzae


<400> 7097
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ggtcgagtgc tctcaagagt catgagtgtg acttgcgatg cgccgtcttt cttcgaagct      120
cttcggcagg gtgctgaggt ctaccaaaaa ctcaagactc tcaccgaggc cattgagcat      180
gccggttaca ctggcaagat gaagattggc atggacgttg cttccagcga attctacaag      240
gctgatgtca agaagtacga ccttgacttc aagaaccccg acagcgactc ctccaagtgg      300
ctcacctacg agcaactggc cgacctttac aagactcttg ccagcaagta ccccattgtc      360
agcattgagg accccttcgc tgaggatgac tgggaggcct ggagctactt ctacaagact      420
tctgacttcc acattgttgg tgatgactag accgtcacca accccctgcg tatcatgaag      480
gccgtctaga ccaaagcttg caacgcccct ctgctcaagg tgaccaaaa tagtactctt      540
accgaggcca tccaggctgc caaggacgtc tacgctgaca acaggggtgg tatggtttcc      600
caccgttccc gcgagactga cgatgtcacc attgccgata tcgcttgtgg gctccgctct      660
gcccaaaata agaacgc                                                     677


<210> 7098
<211> 777
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G


<400> 7098
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cgccgcgcgc aagctcgcga acacccgccg tgagaaccgt tgggccgatc ttcactacaa    180
gaagcgtctg ctcggtaccg cctacaagtc ctctcccttc ggtggtgctt cccacgccaa    240
gggtatcgtc ctcgagaagg tcggtgttga ggctaagcag cccaactccg ctattcgcaa    300
gtgtgtcaag gtccagttga tcaagaacgg caagaaggtc gctgctttcg tccccaacga    360
cggttgcctt aacttcatcg acgagaacga cgaggttctc cttgccggtt tcggtcgtaa    420
gggtaaggcc aagggtgata ttcccggtgt ccgtttcaag gtcgtcaagg tctccggtgt    480
ctccctgctc gccctctgga aggagaagaa ggagaagccc cgttcttaga gaattgcgcg    540
aacgaacgat tgcagcggga acgatgggaa agggcccatt ccatggaaca ttggaagatt    600
actacgatgg gatctatctt cagtctatgg tctggtctgg aaattatggg tcaggacgga    660
tgaccctgca aataaattgc agctactacg attgatatac ttataaaaga tggcgccatg    720
atttatttct ttgggaaggg cccctaaaat aatcaagtct caaacttcna aaaaaaa       777


<210> 7099
<211> 1697
<212> DNA
<213> Aspergillus oryzae


<400> 7099
cgactacatg gaccgtcgtc gcatcttcac cattgaccca gaacggttcc cggccgatct      60
gtacaaagac cttgtggaca ccatccatgc gagggaccag cattacatcg tcatggtcga     120
tcccgccgtg tattacaagg agtctaaccc ggcgcttgat gaaggtctca aatatgacat     180
tttcatgaag gagaacaatg gctctgaata tcagggtgtc gtctgggctg cccgagtca     240
cttccccggat tggttccacc ctgactctca gcagtactgg agtgagcagt cctggcctt     300
cttcgacgga accaatggcc cagacattga tgctctatgg atcgacatga acgagcccgc     360
aaacttctac aaccacccat accctggcaa caacaccacc cccgagaact cgccgaggt     420
ggatggtgac cctcccgcgg cgccagcagt cagagacggc cccgatgctc ctatccctgg     480
attcccggcc agccttcaac caaactgggt tcagggcaac gcgactgaaa agcgctcaac     540
tgctgctgtt gtcaaacgtc aacgctcgca gtcccgccgc aacctcggcg ccggtcactg     600
gaagtccccc aagggcaagt tcgacgcgcg tgctggctgg caacacggca aacagaccgg     660
ttctggttgt ggccccaacg agtgcaaggg tcttcccaac cgtcatctca tcaggccgcc     720
gtacatgatc cagaacggcg ccggtcccac gcttgccgac agcactgccg acacggatct     780
ggtgcagagt ggtggatacg tccagtatga tacccacaac ctttacgggg ctatgatgtc     840
ctctcattcc cataatgcta tgcgcgccag gcgtccggat gatcgggctt tggtgattac     900
caggagcacg tttgctgggt ccggaaagga tgtgtcccac tggcttggag acaatgtatc     960
cgggtggctt tggtaccagc tctcaatcag ccaaatcctg cagttcgcgt ccttgtacca    1020
gatccccgtt gtgggtcccg acgtttgtgg cttcggtggt aatgtcacgg agacactctg    1080
tgccagatgg gcaacccttg gctccttcta cacattcttc cgcaaccacg ccgagatcta    1140
cgcgaactcg caagaattct accgctggcc cacagtagct caagccgctc gcaacggaat    1200
ctccatcaga taccagctcc tggactacat ctacacagcc atctacaaac agaaccaaac    1260
cggtacacct gccctaaacc ccctgttctt caactacccc aacgacccca cacctaccc    1320
catcgacctc caattcttct acggagacgg catcctcgtt tcccccgtca cagaagaaaa    1380
cagcacaagc gtcaccttct acctccccga cgacatcttc tacgaatggg gcaccggcaa    1440
gcccgtccgc ggccagggtg aatacgtctc cctcgataac atcgactaca cggacatcac    1500
catccactac aagggtggta tcgtctatcc ccagcgtatc gagagcgcaa acaccaccac    1560
cgctttacgg cagaagggtt tcaacattgt tgttgcgccg ggcttggatg ccgtgctga    1620
gggttcgctt tatcttgatg atggagtgtc ggttgtgcag gatactgtgt ctgagattga    1680
ctttgtctat gagaatg                                                   1697


<210> 7100
<211> 690
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(690)
<223> n = A,T,C or G


<400> 7100
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cagatgaatc ttgatctgca gccaaagaag gatcttatca taaatgagat catcgtcatg       120
aaagatagca agcacaagaa catagtcaat ttcttggaca gttatcttca tggtctggac       180
ctctgggtgg tgatggaata tatggaaggt ggcagtctta ccgatgtggt cactttcaat       240
atcatgagcg aagggcagat tgctgccgtc tgcagagaaa ctcttaatgg cctacaacac       300
cttcattcca aaggtgtaat ccatcgtgat atcaagtcag acaacattct cctctcattg       360
gatggcaata taaaattgac cgattttgga ttctgcgccc aaatcaacga ctcgcacaat       420
aagcgaaaca cgatggtcgg caccccgtac tggatggctc cggaagtcgt tacgagaaaa       480
gagtatggtc gtaaagttga catttggagt ttggggatta tggctatcga gatgattgag       540
ggcgagcctc catatctcac cgagtcacct ctgcgggcgc tgtacttgat cgcaacgaat       600
ggganctcca cgatcaagga tgagcagagc ttgacaccgg ttttccgaga cttcttgcat       660
ctngcattga aggtcgatcc tganaagagn                                        690


<210> 7101
<211> 657
<212> DNA
<213> Aspergillus oryzae


<400> 7101
cccactccac agggtttctt ctatgatatg gccatgcctg ataaccgcgt tgtaagagag        60
accgattggc cagcactgga caagcacgca aaccgtgtct tcaaggagaa gcagagcttt       120
gacagattag aagttacgaa agagaacctg aagaagatgt tcgcctacag caagtacaag       180
ctgcattata ttgataaact ggtgaccgga gaaaagagca ctgtttatag atgcggtacc       240
ttggtcgacc tttgcagagg accccacatt caaaacactg gcaagattaa gaccttcaag       300
atcatgcaga actcctctgc ttacttcctt ggcgaccaaa gtaatgactc tctgcagcgt       360
atccgtggtg tcgccttccc cgacaagaag caaatgcaag aacatttgaa gttcctggag       420
gaagcggaaa agcgtaacca tgtgaagatc ggcaaagaac aagagctctt cttctttgac       480
gaagtctccc cgggatgccc attcttgctc cccaacggta ctaagatctt taatgctctt       540
cagaaccctt tgcggtcaga gtatcgtaag cgtggctacc aggaagttca gacgcctaac       600
atgtacgatg ttggcatttg gaagattttg gacactgggc ttactacaaa ggtgaca           657


<210> 7102
<211> 705
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G


<400> 7102
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atgctccgcc gccgtctttt ttacacccccc tccttcgaga tctatggagg ggtatctggt       180
ctatatgact acggcccacc tggttgtgct cttataaata atattgtcga tttgtggcgg       240
aagcatttcg tgctcgagga ggacatgctg gaggttgact gcactatgct gaccccgcac       300
gagattctta aaactagcgg acacgtcgag aaatttgccg actggatgtg caaggacccc       360
aaaaccggcg agatctttcg tgcggatcac ctagtagaag aagttcttga ggctcgcttg       420
aaaggcgaca aggaagcgcg tggccagaat gttgtcgtgg acgaaaagaa tgaggccaag       480
aagaagaaaa aggctaatga gaccaaggct gtccgattag acgatgctgt tgtcaaggag       540
tatgatggaa acttaacgca aattgacaac tactaaggcc cggagctgga acaaatattc       600
ccaagttcga tatcagatat ccgacgaccg atggcaatct ttttcctccc gttgggttca       660
cctaatgttc cagacttcaa tcggtcctag cagccatatt gctcn                       705


<210> 7103
<211> 688
<212> DNA
<213> Aspergillus oryzae
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- 2524 -

<400> 7103

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cgagaatccc catgcttcga atgtccggag aagaatcgga aagctccgtg actatgtgtc        60
acttagtagt gactggattt gctatgccat gattgacgac attgtggata gttttggccc       120
tgtaatccgc gaaattgagg tcgagtccga ggcgattgaa gatctcgtct tcatcgcacg       180
tatggatgat tttgagtcat tcttgccacg aattggtggc ttgcgcaaaa aggtcatgag       240
cttgatgcgc ctcttgggcg gtaaggcgga tgttattcga ggtttctcta aacgttgcaa       300
cgaacagtac tcagtaacac cgcgtggtga cattggcctt tacctgggag atattcaaga       360
tcatgtagtg accatgatgt ctaacctggc tcattttgag aagatgctca gcagatcaca       420
caccaactat cttgcgcagc tgaacgtcac aaacctagtt ttgggcaacc acgtcaacaa       480
gatcctcagc aaggtgactc tcattgccac catgttagtt cctatgaacc ttatctgtgg       540
tctattcggt atgaatgtca cagtccctgg tcagggccag gaaggccttg cgtggttttt       600
tggcatcgtc ggtgtgattg cggcggtagt cattattagc ggtattgctg ctcgctgcta       660
caagcttgta taagatttaa atgtggtt                                          688
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<210> 7104
<211> 691
<212> DNA
<213> Aspergillus oryzae

<400> 7104

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tatgctgcca aggttgcagc gtacgctcgt gatgataaga aactcgagat ccgtttagat       120
aaggaggctg aggatcatgc ggtctacatt gacacaagca agcccggcat cacgtcggtc       180
gacggccctc ggtatgagca gagaattgag aagaaatacg taaacggatc cacacctagt       240
aacagctatc gggttgagac tttccgttcg ccaacaccaa ttcctgggga cgatggccag       300
caactccggt gctactttgt ttacaagtgc cagttcgtca accctaaccc gggtccgaat       360
gaaacaaaca ttgatattat cggtgaaaag agattcttgc aaaaggcaac ggaaaatact       420
aaggccatct atcaagaaat tatcacgaat gccgttaatc gatcaggtcc tgtcattgaa       480
atgttcgaaa tcgagaagag tcgcgaaaaa aggttggtca tcgcttatcg ccagggctct       540
gctatgggtc tattcagtgc actctctgat ctttaccact actaccgcct gacaagctcc       600
cgtaatattt tgagaacttt tctaacggca ttacggtctt attttagcat ttataaacaa       660
cagcttcgtt gattggcttc tcgttgtcgc a                                      691
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<210> 7105
<211> 743
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 7105

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gacctgatcg acgtggacat cccacctact cgtgctgatg tcctccacca ggccgatatc       120
atggaagatg tcgccattgc ttacggcttc aataacctcc cacggtcctt cccaagcaag       180
tctggtacca tcgcccagcc cttacctatc aacaagctct cggacatcgt ccgaactgag       240
gctgcaatgg cgggctggtc tgaggtcttg cctctcatcc tgtgctccca tgacgagaac       300
ttcgcctggc tcaaccgcaa ggacgatggt aacactgctg ttaagctggc caatcccaag       360
acactggagt tccaggtcgt ccgacaagc ctctgcctg tcttctgaa gaccattcgg       420
gaaaacaagc accacagcgt tcccatgaag atcttcgagg tcagcgacgt agcgttcaag       480
gacctttcgc tcgagcgtaa gagccggaac gagagacact ttgccgccgc atggtatggc       540
aagaacagtg gtttcgaagt agtccacggt cttctggacc gcgtcatggc catgctcaag       600
agtgcgttca tcaccggtga ggagggtctc gagaaacccc gtatgagcga ctctcagtac       650
tggatcgagg agctngatga ggcaacctac ttccccggcc acgccgcttt tgtcacctgc       720
gaatcggcgg caggagcacg tca                                              743
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<210> 7106
<211> 679
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<212> DNA
<213> Aspergillus oryzae

<400> 7106
tggcggtggt gtcgcatcgc aatccgcgac caacgcagac cgtcgcgagc gtcttcgcaa        60
gctcgctctt gagacgatcg acctggacaa ggacccgtac ttctttaaga accatgtagg       120
aagctttgag tgccgtctgt gtttgacggt tcaccaaaac gatggctctt acctcgccca       180
tacccaaggc cgcaagcatc agacgaacct ggctagacgt gccgcgaggg agcagagaga       240
aggaaagaat caagatccgt cgacgctgcc gggtgcgatg ggcgttcaag ttaagaagca       300
gacaatcaag attggtcgac cgggttacaa gatcacgaag atcagggatc cattgacgcg       360
acagctgggt ttgctgtttc agctgcagta tcaggagatt acaccgggtg ttcagcctcg       420
agtacggttt atgtcggcat ttgagcagaa ggttgatgac cccccagaca agaacttcca       480
gtatcttgtc gtagctgcgg agccatatca gacgtgtggt ttcaagcttc aggctcggga       540
gattgaccgc agggatggtc gctactggac ttgtttcgac gaagatagca aggaattctg       600
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ccaatggcac ccatggtgt                                                    679


<210> 7107
<211> 940
<212> DNA
<213> Aspergillus oryzae

<400> 7107
gacctaacct cctcgacctg tcgacaatac ccgcgccctc cgtcttgacc gcgcagctcc        60
gtcaagatga agctcaacat ctcttacccg gccaatgggt cgcagaagat catcgaggtt       120
gacgatgagc gcaagctccg tcccttcatg gagaagcgca tgggaaccga agttgtcggc       180
gactccctcg gtgatgagtt caaggggttac cttttcaaga tcaccggtgg taacgacaag       240
caaggtttcc ccatgaagca gggtgttctc cttcccaccc gtacccgtct cctcctcgcc       300
gatggccaca gctgctaccg ccccccgccgc accggtgagc gtaagcgcaa gtctgtccgt       360
ggtgccatca ccggtttcga tctcgccgtc ctggccctga gcatcgtcaa gcagggtgag       420
ggtgagctgc ccggtctcac cgacactgtc gtccccaaga gactcggccc caagcgtgcc       480
accaagatcc gccgtttctt cggtctcgac aagaaggacg acgtccgcaa gttcgtcatc       540
cgccgtaccg tcaccaagga gggcaagccc gagtacacca aggcccccaa gatccagcgt       600
ctggttaccc cccagcgtct ccagcgcaag cgtcacagga tcgccatcaa gcgccgccgc       660
tctgaggctg ctcgcgaggc tgctaacgac tacgctaagc tccttgccaa ccgtgtccac       720
gaggagaagg ccaagcgtga tgagctccgc aagcggaggg cctcttctat gaggaagtaa       780
atgcatcttc ttggggggtta atggtcgggt tacgtctcta ttatggctag ggaaaaatct       840
tagcggacga ggaagggggg ctatcgaggt gcaaagcagg ggtgtaaccc aagagaagag       900
aatatatttc ttggggcat gcgtctgcgg gaccgatgct                              940


<210> 7108
<211> 656
<212> DNA
<213> Aspergillus oryzae

<400> 7108
cgaggctctc gttcctcttc cttttttcct tataccttca taaatatcag caaccatggc        60
tgctcccgct caccagttca aggtcgccga catctccctg ccgcccttcg gtcgccgcga       120
gatcgagctc gccgagattg agatgcccgg tctgatggcc atccgtcgca gatacgccgc       180
tgaccagcct ctcgccggtg cccgcattgc tggctgtctt cacatgacca tccagactgc       240
tgtcctcatt gagaccctcg ttgcccttgg tgctgaggtt acctggacca gctgcaacat       300
cttctccacc caggaccacg ccgccgctgc catcgccgct gccggtgtcc ctgtcttcgc       360
ctggaagggt gagaccgatg aggagtacaa ctggtgcttg gagcagcagc tctctgcctt       420
caaggatggc aagaagctca acctcatcct cgatgacggt ggtgacctca cctccctcgt       480
ccacgagaag tacctgagc agctcaagga ctgctacggt ctctccgagg agaccaccac       540
tggtgtccac cacctctaca agatgatgaa agagaacaag ctcctcgtcc ccgccatcaa       600
cgtcaacgac tccgtcacca agtccaagtt cgacaacctc tacgggtgcc gtgagt          656


<210> 7109
<211> 627

<212> DNA
<213> Aspergillus oryzae

<400> 7109
ggatttgttt cttcgtggtt tctagcaatc tacctacaaa atgtcaggta ataccaaggc        60
ttactttgac gtggaatatg acggcaagac tggccgtatc aacttcaatc tctttgagaa       120
ggacgtcccc aggactgcca aaaacttccg agagctctgt accggagtcc acggtttggg       180
ctatgcaggc tctggattcc accgtgtgat ccctcaattc atgctccagg gtggtgactt       240
taccaaccat aatggcactg gtggcaagtc catctatggt acaaaatttg aggatgagaa       300
cttcaagtat aagcataaca agcctggtct cctctctatg gccaacgctg gccccaacac       360
caatggctct cagttcttca tcaccactgt tgtaacctcg tggcttgatg gcaagcacgt       420
cgtctttggt gaggttgccg acgatgagtc aatgcgggtt gttaaggaga ttgaggccct       480
tggctctagc tctggtaaac ccagcaagcc gatcaaaatt gtcaaagctg gtgagctgta       540
aatgcaagtt tatactctcc tcaatcaggg cggtatattt catagttagc ttagctgacg       600
gaaattctat tggtcttatt ctctgag                                           627


<210> 7110
<211> 994
<212> DNA
<213> Aspergillus oryzae

<400> 7110
tctggaaaat cctccctcgt ccaccttgac tcccccctcc accccctca aacggttgtc        60
cgtctttgca attgactgca attgctttgc ccgccatgtc tctctcctcc gcttccagca       120
ctctgttgcg cgcttgcgcc cgccaacagc tgcccacttc tcgcgctgcc atcgcctcct       180
gccagcagcg gaggggagtc gctgatgcgt ccaagtcatc cttcgagagc cctttcacca       240
gcgccaagga atcctcgacc tacaagatcc ctgacttcag caaatatgcc tccaagaagc       300
ccccacgctc caaccaggtc ttctcttact tcatggccgg ttccctcggt cttgcctctg       360
ctgttggtgc caaggctact gttcaggact tcctggtcaa catgtccgcc tctgccgatg       420
tcctcgctca ggctaaggtc gaaatcggcc ttgcttccat ccctgagggc aagaacgtca       480
tcatcaagtg gcgtggaaag cccgtcttca tccgtcaccg tacccaggat gaaatcaacg       540
aggccaactc cattgagtgg caaactctcc gtgatcctca ggccgatgag gaccgtgttc       600
agaagcccga gtggcttgtc atgcttggtg tttgcatcca ccttggttgt gtccctatcg       660
gtgaatccgg tgactttggc ggctggttct gcccctgcca cggttctcac tacgacatct       720
ccggccgtat caggaagggt cctgcccctc tgaaccttga ggttcctcag tacagcttcc       780
ccgatgagag cactctcgtc atcggttaaa cgaatcaaac gatgccaatt cgagcgaacg       840
gtttatccga cggacgggaa acgacgttga aggggatgag agagtgaagg tttgtaactg       900
cgctttagat gaaatctctc tgtgtcttgt caagattaag gagaccttgt tttaatatgg       960
atcgattaga aaaactgagc ctcgtgtttc tatt                                   994


<210> 7111
<211> 1045
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1045)
<223> n = A,T,C or G

<400> 7111
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ggaatcctcg ctggcgtccc tatcatgggt tgtcttggcg atcaatcctc ggcacttgta       120
ggtcaaaaag ggttctcacc aggaatggca aagaacacat acggcacaag gtgtttcctc       180
ctttacaatg ttggcgaaaa gcctgttatt tccaaacacc gattattggc cacagtagcc       240
tatcattttg atggaaaaac aatgtacgct ctggagggaa acatggcttg tggtggcttc       300
ggagtcaagt tcctgcagaa caatctcgaa ttcttcaagg gaatccaaag agttaacgat       360
ttggccctca cggtgganga ttacngagga tgcgttttg ttactgcgtt cagtggtctc       420
tttgcacctt attggattga cgacgccaaa ggaaccatct tcggaattac acagtacacg       480
aaaaaaggcc acatcgccag ggccacactt gaagcgacct gcttccaaac gaaggcaatt       540

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ttggacgcga tggaaaaaga cagcggccac gcgctgtctg agctggcagt tgacggagga      600
atgagtaact ctgatcttgc aatgcagacc caagcagacc tgatctccat tccggtctat      660
cgccctaaga tgcgagagac gaccgcatta ggtgccgcca ttggtggccg tctggccgtt      720
gggctttggc gaaattttgc caaactgcgc gatataaccg agctggtggt gccggctttg      780
aacctatgat tacccaggag caaagtgccg aatcatttgc tctctgggaa aaggcagtaa      840
acatgagcag gggataggtt gggatcgaat tgccacccac tgtccccgag accaagaaag      900
atgtttacgg agctgttcag ccagtgataa tacccagata gtcccaacgt aaggccaacc      960
gaagcattct tgccgcctaa aagccgntag ctaagcattt gcaatgaact tgacgaagct     1020
tatgaagacc atcatgatga cggaa                                           1045


<210> 7112
<211> 627
<212> DNA
<213> Aspergillus oryzae


<400> 7112
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gatccttacc gccccggcgt cttataacgc ttgggtcttt cccatcgga ggtccttctg      120
aagtataacc ctcgcttgat cgtggcgcgc atgacgggat tccgacgaga cggtcaatac      180
aaggacatgg cgggtcacga tattaattac atcgcggtgt ccggggtgct atccatgctg      240
gggcgagcag gtgaacctgc ttatgccccg ggtaatatta ttggcgatta cgctggcgga      300
ggcgcaatgt gttacatggg catattgctt gctttgctgt cgcgcacacg cacaggacgc      360
ggtcaagtcg tagaggctaa catggtcgat ggctctgcgt acttagcggc gatgccgcta      420
ctgaatcggc taacgccgct gcggagcggg ccctgacggc ataacatgtt agacggaggc      480
agtccgtgct atgacacgta tgagacccag gataaaggca ggtatttcgc cggtggagcg      540
ctggaacccc aatcttacgc tgcgctcctc aagggactcg ggttccgttc ggaggaactt      600
tcctaagcgg accatangga aaattgg                                          627


<210> 7113
<211> 637
<212> DNA
<213> Aspergillus oryzae


<400> 7113
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atggcgttaa gatccccggt gtcggtttcg gtaccttcgc cagtgagggc tccaagggcg      120
agacctacca ggctgtcacc aaggccctcg agaccggata ccgtcacttg gactgtgcct      180
ggttctacct caacgaggat gaagttggtg atggtatcca tgacttcctc aagaagaacc      240
cctccgtcaa gcgggaagac atcttcgtct gcactaaagt ctggaatcac ctccaccgtc      300
ccgaagacgt ccagtggtcc gttgataact ccctgaagaa actccgactg gactacgttg      360
acctctttct tgtccactgg cccattgcct ccgagaagga ggaccaggaa aaacccaaga      420
ttggccctga cggcaagtac gtcatcctta aggagctcac tgagaacccc gagcccacat      480
ggcgcgccat ggagaagatc tacagggacc gcaaggccca agccatcggt gtttcaactg      540
gaccattccg ggtctcgaga agctgttcaa gttcggcgag atcaagcctt atgttaacca      600
gaatgagatc cacccctttc tggccaacaa agaagtt                              637


<210> 7114
<211> 947
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(947)
<223> n = A,T,C or G


<400> 7114
gcgcacctcg attttcctgg cagccaaagg aaacatttca gccgaccgac tgctatcgtc       50
gacgttgaac gctcacccaa cgacaccgcc cgtcaccttt acgaatccc tccctcgaca      120
acaggtgcat tcggcgtcca taatgtctga ccacggggaa gtcgaggtcg aaaacactgc      180
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- 2528 -

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ggccttccag gtcctcccca aggaggctct cgcggagatg ggaaccgtga agctcttcaa    240
caagtggagc tacgaggatg ttgagatcag ggatatttcc ttgaccgact acatccagat    300
tcgtaacccc gtctaccttc ctcactccgc cggtcgttat gccgccaagc gtttccgcaa    360
ggctcagtgc cccatcattg agcgcctgac caactcgctc atgatgaacg ccgcaacaa    420
cggcaagaag ctcatggctg tgcgcatcgt tgctcacgct ttcgagatca tccacatcat    480
gaccgaccag aaccccctcc aggtcgccgt tgatgccatt gtcaactgcg gtccccgtga    540
agacagcacc cgtatcggtt ccgccggtac cgtccgtcgc caggccgttg atgtttctcc    600
cctccgtcgt gtcaaccagt ctattgccct cttgaccatc ggtgcccgtg aggcctcttt    660
ccgtaacatc aagagcattg ctgagtgcct cgctgaagag cttatcaacg ctgccaaggg    720
aagctcgaac tcctatgcca tcaagaagaa ggacgagctt gagcgtgttg ccaagagcaa    780
ccggtaaagg gataatgttg ggcgtattct ccgtttggtc ctgtttctat atgtactgga    840
gtggacgggg ggttctatag gattcagtcg attggcatgc atctgcgcga ctgtacatac    900
ctcanaacag tcactggagg gagcaaaatc caaaacgaga atgagac                  947
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<210> 7115
<211> 781
<212> DNA
<213> Aspergillus oryzae

<400> 7115
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ccgcccaact cgcgaactca acggaccgtc gcaatggcct ctactgctac caccgtcccc     60
actcaggacc atgtcctcgt ccccgagact ctcctgaaga agcgcaagag ccaggagcag    120
gctcgcgctg tcgcccgtga ggaggctgag aagaagaagg ccgccagcaa ggagaagcgt    180
gccgccatct tcaagcgcgc cgagtcctac gtcaaggagt accgcgatgc tgagcgtgag    240
aagatccgcc ttgcccgcgt tgctcgcaag gagggtaact tctacgttcc tgaggagccc    300
aagcttgtct tcgttatccg tatcaagggt atcaacaaga tctctcccca gccccgcaag    360
atcctgcagc tcctccgtct gctccagatc aacaacggca ccttcgttcg ccttaccaag    420
gctacccagg agatgctgac catcatcaac ccctacatcg cctacggtta ccccaacctc    480
aagagcatcc gtgagctcat ctacaagcgc ggttacggaa aggtcaacaa gcagcgcgtt    540
gccatctccg acaaccagat catcgaggag aacctcggca agtacggcat cgtctgtgtt    600
gaggatctga tccacgagat ctacaccgtt ggccccaact tcaagcaggc caacaacttc    660
ctctggccct tcaagctctc caacccccact ggtggcttcc acaagcgcaa gttcaagcac    720
ttcattgagg gtggtgacta tggtaaccgt gaggagaaca tcaacgccct catccggcga    780
a                                                                     781
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<210> 7116
<211> 1014
<212> DNA
<213> Aspergillus oryzae

<400> 7116
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gtccaagtac gctgactcct tctccaagaa gcccatgaag ggtatgctca ctggtcccat     60
cacctgtctc cggtggtctt tccctcgtga cgatgtccac cagtccgtcc aggctcaaca    120
gctggctctt gccctccgtg acgaagtcat cgaccttgay gctgctggta tcaaggtcat    190
ccaggtcgat gagcctgccc tccgtgaggg tctccctctc cgttccggca aggagcgtga    240
ggactacctc aagtgggctg tccgctcctt ccgcttggcc accaccggtg tttccgatgg    300
cactcagatt cactctcact ctgctactc tgagttccag gacttcttcc acgctattgc    360
cgctctggat gccgatgttc tgagcattga gaacagcaag tccgatgcca agctgctcaa    420
ggtcttcatt gacgaggcct accccgtca cattggaccc ggtgtctacg acatccactc    480
tcctcgtgtc cccagcgagc aggagatcaa ggaccgcgtc gaggagatgc tccagtacct    540
cggtcctgaa cagctctgga tcaaccctga ctgcggtctc aagaccgtc agtggccga    600
gaccaaggct gctttgacca acatggtcaa tgcggccaag tacttccgcc agaagcacac    660
caaataaatg gtgtacctta attaataaca acccatgaag gggcgacatt ctcaacctgt    720
cgcttggggg gagacgaata cgtttcgttt tatgatgagt tacgatgatg ataccaaaag    780
ttcaacataa tgggttcagg gtttctagag atatccccgg gggtcaacgg agttttcaac    840
attccggatt tcaacatcgg cgtcagccaa atattgacat gattgcaagt tcagcgttcc    900
ccgatctgg ggtgatggtt gtttctttct aatcctttgt gctgccctct ctgcgagagg    960
tagcatgagc gagattgcct ctggtgccga attcggatcg agctcgtaca cacg         1014
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<210> 7117

- 2529 -

<211> 705
<212> DNA
<213> Aspergillus oryzae

<400> 7117
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cactcccttt gtagcctgga atgtgcattt cttctaagtc ggtggttact atccataccg   120
gtgacgcagg cagaacaaag attgtcagag catgagcgga agttgctctt atggattaag   180
agtatgatgg atgagactga catggccgtt gatccgccag gcgcacctga tgtggacttt   240
cttgctaatc cctataaggc aaagcaactc agcattgcta ttgttcgagt atgggcgagg   300
acattcaaag ggaatacaag ctgggcgata gtggacttgg tcgggtcgag cttggaagct   360
tatgcagatc ttatggaaac acagctctga tgatctgcct ggttttatac atgcgctagc   420
ctcgtgggaa gtttgtgttg gaataaagca cttaacaggg cagttggtaa ctattcgcga   480
cagacatacc atggcagctg cagaatgcct aatttcatgc tctaactgcc cattggctga   540
agaagtctat gaatgaatac tggcaacgca aagcaagatg ggcttcgtca agacatacca   600
tactttcttg ttggataacc atgtaaaaca atataaatat ttggcgcatg cccgaatctg   660
attatgggaa tagggcatct tctatctttt ggaatccttc ggatg   705

<210> 7118
<211> 808
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

<400> 7118
ctttagcata gatcgtcgcg cctgtgggcc gtctttcttt cgtcagaacc actgtcattg   60
tcccgcctta tttagacgct cgcccgtctc aaccactctc tttgagaaat ctgattgcgc   120
ctcgcattcg tttcttgcag agctgctttc gctggtcgca ttgacctgtt caggcaccat   180
gtatttcaac tacgctgcag ctacactagc tgcactactc ccactatgct cagcccagac   240
ctactcggca tgcaaccctc ttaaggaatc tggttgcaag cccaacccgg gtatgggttc   300
caacttcaat tcggacttca ccaccggcga tggagctctc ggcggctgga caactaccgc   360
cggcaaggtc actactggtg gccagggcgc tgagtttact ctggccaaga aaggcgatgc   420
gcccacaatt gacaccagca attacttcct gtttggtaag gtcgaggttg tcatgaaggc   480
tgcgccggga accggtattg tcagcagcat tgtcctagag tcggacgccc tcgatgaggt   540
tgactgggaa gccctcggtg gtgacaccac tcaaattcag accaattact cggcaagggg   600
cgacacttcg tcctatgacc cgtgcaacct ttgtgaacat gggctctnca cagggctgat   660
accatacgta caccatcgac tggaacaagg accagaccac ctggtccgt gacgggaatg   720
ttgngcgtac ttttaactac cacgacgccc agggttgttc ttggtaaccc caacaccctt   780
atgccctgga actgggcttt tgggccgg   808

<210> 7119
<211> 677
<212> DNA
<213> Aspergillus oryzae

<400> 7119
cggtcatgcc ggtatctttt tcgctcgtgg cggtaaggaa gatttgctcg tcactaagaa   60
cctgaccccc ggagaggctg tctacggcga gaagcgcatt gctgttgaaa ccctactga   120
ggatggtacc actaccaaga ccgagtaccg tgtctggaac cctttccgtt ccaagcttgc   180
tgccggtgtc ttgggtggtc tcgatgatat ctacatgaag cctggctcta aggttctgta   240
ccttggttct gccagcggta cctccgtcag tcacgttgct gatattgttg gacctactgg   300
taaagtctac gcgtcgagt tctctcaccg ttctggtcgt gacctgatcg ggatggccac   360
ccaccgtacc aacgtcgtcc ccattgttga tgacgcacgt cacccctcc gttaccgtat   420
gctggtacct atggttgacg ttatttttcgc cgatgttgcc cagtccgacc aggctcgtat   480
tgttggcctg aacgctcaca tgttcctcaa ggagggtggt ggtgtcatcg tctccgtcaa   540
agccaactgt atctacatgt cccgaccatg cctgaggttg tttttacccc gcgaagtcca   600

- 2530 -

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taatgatgag agaggagagg attcaatccc aaggagcaat ttgcttcttg agtcctttca        660
aacaggttta cttggtg                                                        677


<210> 7120
<211> 858
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(858)
<223> n = A,T,C or G


<400> 7120
ctttcttttt cttcttcaaa cttccccccg ctacaaacac aatgcccctc gttaacacaa         60
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ttcagtccga gatccagct cctgcagaag ccactgccac tgtccgctcg ggcgtcccg         180
gatattgacg aatcctacaa catcaacaag ggtctgcgca tctcacgtaa gctctacgcc        240
gatctgacca gcatgggcat gccaattgcc agtgagatgc tcgataccat ctctccccag        300
taccttgcgg atctcatctc actcggcgcc atcggtgccc gtacgaccga gtcccaattg        360
caccgtgagc tggcctccgg tctgagtttc cccattggct acaagaacgg cacggacggc        420
aacctcgtcg tcgccattga tgctattggt gctgccgctc accccaccg tttcctcggt         480
gtcactaagc agggtctcgc ggccatcacc aagacctccg gtaacgagca cggtttcgtg        540
atcttgcgtg gaggcagcaa gggtaccaac tatgaccggg agagcatccg tcaggctcgc        600
gaagccctgc gtagcaagaa gcagcgtgag gtgctcatgg tcgactgctc ccacggcaac        660
tccaacaaga accaccgcaa ccagcccctg gtcgccaagg aagtcgccga ccagatgcgc        720
gagggccagg atgctattgg tggtgtcatg atcgagtcca acattcatga gggcaaccag        780
aaggtccctg ccgagggccc gaaggccttn aagaaggtgt cagcatcacg gatgcctgca        840
ttgactggga gaccaccc                                                      858


<210> 7121
<211> 705
<212> DNA
<213> Aspergillus oryzae


<400> 7121
cataaataaa caccttttc catccacaac caactattct tttcactccc aacccaacct          60
aacataccaa ttcaatcaaa atgtctggaa tcaaggccgg tgacagcttc ccctccgacg        120
ttgtcttctc atacatcccc tacaccgagg aggctgacaa gttcaacgtt tgcggtatcc        180
ccatcaacta caacgcctcc aaggagtggg ccgacaagaa ggttatcctc ttcgctcttc        240
ccggtgcctt cactcccgtc tgctctgcaa accacgtccc cgagtacaag gagaagctcc        300
ctgagatccg tgagaagggt gtcgacgttg ttgctgtcct tgcttacaac gatgcctacg        360
tcatgagcgc ctgggccaag gccaacggtg tcaagaacga cgacattctc ttcctttccg        420
acccgatgc taagttctcc aagagcctcg gctgggccga tgaggagggc cgcaccaagc        480
gctacgccat cgtcattgac cacggcaagg tcacctacgc tgctcttgag cccgccaaga        540
accacctcga gttctcgcgc gctgagaccg tcatcaagca cctgtaaata cgtcaacagg        600
aagaaggact atgacatggg accaatagag gatgctggca ctccagcagt ggggataatg        660
ttttagaatt agacagccca ctttagagat acattaatta cgaat                        705


<210> 7122
<211> 687
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G


<400> 7122
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- 2531 -

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tatcactctc accctggttt tggctgctgg ctctcatctg tcgatatcaa cacccagcaa       60
tccttcgagc agctcacccc gcgcgctgtc gccgttgtcg ttgaccctat ccagtccgtc      120
aagggcaaag ttgttattga tgctttccga cttattcaac cccagactgt ggtcatgggt      180
caggagcctc ggcaaaccac atccaatttg ggtcacctga ataagccgtc gatccaagca      240
ctcatccacg gcctgaacag gcactactac agcattgcta tcaattaccg taagacaggg      300
ttggaggaga acatgttgat gaatctgcat aagcatgttt ggacggaagc cttgcagatg      360
aaggatttcc atgaggaagg cgagcacaac gtcgaccgca tgaagcagct cgtcagcctc      420
gccgagggct acgaaaagcg agttaaagaa gaaacggaac tcagcaagga gcagctcaag      480
acaagatatg tcggaaaggt cgatcccaag aagcacatcg aggatgtaag tcagcagttg      540
attgaagata atattgtcgc agtctcgcgg cagatgatcg ataaggaagc ctcagttgcc      600
aggcaatcaa atgggaaagg cgctcaaaac gggtgccagt atgganggtg gatgaangac      660
ctatagatga ttagtgagta ttatgaa                                         687


<210> 7123
<211> 696
<212> DNA
<213> Aspergillus oryzae


<400> 7123
ctggcatata tatgactgca tccttaactt caaaaaagaa aaagtcccag gtttatgcga       60
agactctcag ctctgccgca ctgcgttatc ggtgacgtag tcttgttcat catgagagtg      120
atcatcagag aaaccgcctt ggaggcttca gagtatatcg ccgattatat catcagtcgt      180
atcaaagcct ttaagcccac agaggatcaa ccttttgttc ttggccttcc gacgggtagt      240
agtcccgaag ttatctacaa gaccctcgtg caacgtcaca gagcaggaga gatttccttt      300
aggaatgtcg tgaccttcaa tatggatgaa tatgtcgggc taccccgcga ccaccctcaa      360
tcataccaca gcttcatgta taaacatttc ttctcccata ttgacatctc gccccagaat      420
atcaatatcc ttgatgggaa cgcctctgac ctcgctgctg aatgcgcctc ttttgaggca      480
aagatcgccc gctgcggcgg tatcgagctc ttcctgggtg gtgttggccc tgacggacac      540
atcgcattca acgagccagg atcatccctc agcagtcgca cccgagttaa gaccctggct      600
tacgacacga ttctggcaaa ctctcggttc tttggcggag acgtggacaa ggtaccccga      650
atgtcctttg accgtggtat ccaaactatc atggaa                               696


<210> 7124
<211> 665
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G


<400> 7124
cacatcacag acacgtttcc tttgggcgtc actgcaggcc ccgatgacat cgcgatcgtc       60
tttatcaatt cggactccgg cgagaactac atcaccgttg atggcaatcc aagagaccgt      120
acgctggcag ggctgcacgc atggcacaat ggcgacaacc tggtcaaagc tgccgcagaa      180
aagttctcaa acgtagtggt tgttgtgcat accgtgggac ccatcctgat ggaagaatgg      240
attgacctcg actccgttaa agcggtgctc gtcgctcacc taccaggaca ggaggcacgc      300
tggtcactca ccgatatcct gtttggggac tatagtccta gcggccatct gccttacaca      360
atccctcaca gtgaatcaga ctacccggag agcgtcggtc taattgctca gccattcggc      420
caaattcaag acgactacac cgagggcctc tacatgatt accgacactt cctgaaggca      480
aatatcaccc cccgataccc attcgggcac ggtctctcct acaccacngt caactatacg      540
gaactcacct atncatcatc atagccctag acacagacta ccccgacgcg cgatcctcaa      600
aggctgcaca cccacatact acaccggnca aacacgacgc atcagaagtc ggctgggata      650
agaac                                                                 665


<210> 7125
<211> 659
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 7125
ctcatcatga aggacaacct gtaaggcggc tgcggcccac gcagcccagg agcgccattt   60
gggccagttg ggcgcagaat ggctagacct tcaattcggt accggatcga tcaaaatcgg   120
tgttaagttc gttgagaaca agcagcaaag cttgaagctg gaggacttcg aattggtgaa   180
ggtcgtgggg taaggtagtt ttcggcaggt catgcaggtc atgaaaaaaa gatacagggc   240
gtatctatgc cctcaagact atcccgtagg ctcacatcat ttcacggtcg gaagtcacgc   300
acactctcgc cgagagatcg gtgcttgcac agatcaataa tccctttatt tgcccctttg   360
aagttttctt tccaatccca aagaaaatgt acttcgttct tgctttcgta aaccggggag   420
agctgtttca acaccttcaa cgagagcaag cgttcgatat caaccgtgcc cgtttttaca   480
ccgctgagct gctttgcgca ttggagtgtc tggatggctt caaggccctt taacgcgatc   540
taacgccgca aacatttttc tttgactatc cnggaacaat tgctctttgc gattttgggc   600
tcttgcagtt agacattaag gatgaagatc ggacaaacac cctttgtgga acccctgggg   659

<210> 7126
<211> 655
<212> DNA
<213> Aspergillus oryzae

<400> 7126
ccaattacat ctcttcttca gagaaaccac tctcccactc ctctgaaccc cattcacaat   60
gttcagaaac gctttgcggc agtccagccg caccgttgcg gctgccactg ctactggcag   120
gatcgcttcg gtccgcgcgg ctgctcccgg ccccgtctct gctgctgcta agcaggtccg   180
tacctacgcc gctgaggcca aggcttcccc caccgaggtc tcttctatcc ttgagcagag   240
aatccgtggt gttcaggagg aggctggtct tgccgagact ggacgtgtcc tttccgtcgg   300
tgacggtatc gctcgtgtcc acggcatgac caatgtccag gctgaggagc tggtcgagtt   360
cgcctctggc gtcaagggca tgtgcatgaa cctggaagcc ggccaggtcg gtgttgtgct   420
tttcggttcc gaccgtctcg tcaaggaggg tgagaccgtc aagcgtaccg gagagattgt   480
tgatgtcccc gtcggtcctg agcttctcgg ccgtgtcgtc gacgctctgg gtaacccaat   540
cgacggcaag ggccccctca acaccaaggc caagagccgt gctcagctca aagcccctgg   600
tatcctgccc cgtcgttccg tcaaccaacc cgttcagact ggtttgaagt gtgtc   655

<210> 7127
<211> 686
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 7127
cccttgtact ctgactactc tcccatccca ccagctgttt cttttaata cgctccatac   60
cccctcttg tgtttctctt tctcttccac cttcttttat acattaaatt ggtcaatcca   120
tattacata caaatggcc aacagcctc acggtggtgt cctgaaggac cttcttgccc   180
gcgatgctcc ccgccacgac cagttggccg cggaggcgga gagcctgccc gccatcgtcc   240
tctccgagcg tcagctgtgc gatcttgaac tgatcatgaa cggtggcttc agtcctctgg   300
agggcttcat gaaccagaag gatttcgacg gtgtctgtga gaactgccgt cttgccgatg   360
gcaacctttt ctccatgccc attacccttg atgcctccca acaggtcatc aacgagctca   420
agctgcaggt tggctctcga gtcactctcc gcgacttccg tgatgaccgc aacctggcca   480
tcctgaccat cgatgatatc taccgtgctg acaaggagaa ggaagccaag ctggtctttg   540
gcggtgatcc tgagcaccct gccatcaagt acctcaacac caaggtcgaa gattctacat   600
tggtggaaag atcgaggttg ncacaagctg aacactacga ctatgttgcc tgcccttaac   660
cccgcagagt gtgcatcact ttgaan   686

<210> 7128
<211> 683
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G

<400> 7128
gagggccatc agtgatgtcc gtagtgctgg tctcagacct gacatcattg catgccgctg   60
cgagacaccc ctggaggagg caactattca aaagatcgcc aattcttgcc aagtggaacg   120
gaaccaagtt gttggcgtac ataacgtctc taccacatat caggtcccca tccttctggc   180
gcaacaggga ttcctcagta ctcttagtga actccttaaa accgactcta tctctaagga   240
tcagaagctt attgacagtg gtaagctcat ctggcaggaa tggcagggct tggctatgaa   300
ccaagtgcat tcccttgaga ctgtgacgat tgccttgatt ggtaaataca caagcttgca   360
tgactcatat atgagtgtga gcaaggcgct ggaacatgcg tccatgcatt ccgcaagaa   420
gctgaatctg atctggatcg aatcgactca tcttgaagat gagcacaaga caaacaaccc   480
tgcggaatac tattccgcgt ggcacaactt gaccaccgcc aacggngttc ttgtccccgg   540
tggctttggt tcgagaggta cgaccggtat ggttttggct gcccaatggg cccgtaccaa   600
caacgttccc taccttggta tttgccttgg tatgcaattg ctgtggtcg agtatgctcg   660
gcatgtctgc ggtatggata acn   683

<210> 7129
<211> 875
<212> DNA
<213> Aspergillus oryzae

<400> 7129
tcagtcctct ttcctctctc ttcgtcaatt tcatcaaaca accgcaacaa tggtaaacac   60
caaggcattc tttgatgttg agtacgcccc tgtgggcacc agcgccaaga aggttggccg   120
catcaacttc aacctctacg aggatgacgt ccccaagacc tctaagaact tccgtgagct   180
ttgcaccggg aaacacggct ttggttacaa gggctccagc ttccaccgtg tcatccccag   240
ttttatgctc cagggaggtg acttcacccg tggcaacggc actggtggta agtccatcta   300
cggtgagaag ttccctgatg agaacttcaa gttcaagcac aacaagcccg tcttctttc   360
catggccaac gctggcccca acaccaacgg ctcccagttc ttcatcacca ccgttgtgac   420
ctcctggctc gatggcaagc acgttgtctt cggcgaggtt gccgatgcgg agtccatgaa   480
tgttgtcaag gagattgagg cccttggcag caactctgga gctctccgct ctaacgtcaa   540
gcccaccatc gttgactgtg gtgagctgta aatatgtcaa gaggaggaca ataaggaagc   600
caatttgtga gaggaaaagt gctgaccttg aatgcctgac cttatgggat ggattaaaaa   660
gggcttgtgg gcttcattgt ttcccttgag tgtgatacgg gttaacgttg gtatcctgtt   720
tacagtgcgc ggtataatgt cgagtgtata tagacatatt gccaactcgc atcatcttaa   780
tgacgtgtta ttcccgaaca atttagagtg atcgtgcact caataatgag tattggtagt   840
atacaattat gtcaaaaata ataaaaaaaa attcc   875

<210> 7130
<211> 689
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 7130
cctcattctc ttcttctact tcttctttgc taccgtttcc cttatacctt aataaccaaa   60
taccttctc actctttcgt tgtttacttc aactatttac atttctcacc cccccccct   120

- 2534 -

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ttacaccgcc actatgtctg ctcgtcctca gaacattggt gtcaaggcca ttgaggtcta      180
ttttcctaag caatgtgtcg aacaaaccga gctggagaag ttcgacggtg tcagtgaggg      240
caagtacaca atcggtctgg gacagacaaa aatgagcttc tgtgatgacc gtgaggatat      300
ctactctgtc gccctgacca ctctctcctc cctctttcgc aaatacaacg tcgaccccaa      360
gtccgttggt cgtctcgaag tcggtactga gactctcctg gacaaatcca gtccgtcaa      420
gtccgttctg atgcagctct ttgccgagag cggaaacttc aacgttgagg gtgttgataa      480
cgtcaacgct tgctatggag gtaccaacgc tgtcttcaac agcatcaact ggcttgagtc      540
ttccgcctgn gatggaagag atgccgttgt tgtctgcggt gacattgctc tgtatgccga      600
gggacctgct cgccctactg gtggtgctgg ctgtgttgcc ctcctcattg gtcctgatgc      660
ccctattgtc tttgagcccg gtcctcgtg                                        689
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<210> 7131
<211> 516
<212> DNA
<213> Aspergillus oryzae

<400> 7131
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aggaattccg tccgccactg ccaggacgtt gtggccctct cggcggcaac ggtaatggca      120
gggacggggg acctgccatt gtttcggcgc ttacgctccc tgcatgggcg tgtggatact      180
gatacaccat atggcagtca tatggcagca catatggcga tcgggctgct tttcttggga      240
ggaggtagtt atacactcgg cacttccgac ctggctatag cgtcgctcat ctgttctcta      300
tacccggtct ttccgacatc agtgcttgac aacaaatgtc atttgcaagc attccggcat      360
ttatgggttc tcgcggccga gccgcgctgc ttcgtaccgc gtgacataga ttctggccga      420
cccatattca tgccgatcac agtgacaaac atggccggaa gaacccggag attaccgggc      480
ctgcttcctc cagaactgga gctatcgcta aggtga                               516
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<210> 7132
<211> 641
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 7132
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ccctgttgga tttggaattc ctcactgatg aagtcgggcg gagagttgct gctttcgggt       60
ggtccgctgg ctatgccggt tccgcattgg ctgttaagaa ctgggcctgg caattgactc      120
atcctgaggg cgaacctttg cccggtgagg ttccgtacgc aaaccaggat ctcctgaccc      180
agtccgtgaa agagtccctg gaagctggca agaagcaatc cggccggtcn cccaagattc      240
ttgtcatcgg agctcttgga cgttgtggta acggtgccgt acaacttgcc aaggatgttg      300
gcatccccga atctgatatc atccggtggg atatcgagga gacaaagaaa ggcggtcctt      360
tccaggagat tatcgacgca gatatcttcg tcaactgcat ctatctttct agcgagtcta      420
ttcccccatt tgtaaacgtt gaatctcttt ctacccctaa ccgccgtttg tcggtcattt      480
gcgacgttag cgccgacacc actaacccca acaatcctat tcccgtgtac gatatcacca      540
ctacttccga caagcccaca gtaccgtca ttctgccggc ggggacccag ggcccccctc      600
ttagcgtggt cagtatggac aacttcccct cgcttctccc c                         641
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<210> 7133
<211> 692
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

- 2535 -

<400> 7133
tccaagttcg gcaatttgca tcctggaaaa tatctccggc tgctttgtca tcggtctggc   60
gtatctccat gagctgatct gcggaagtgc ccatcatgta cctgcccact tcatcgaaac   120
agctgagata aagttgtcca gtatgatcgc taacgctaat gagcattata tagcgatact   180
ctggtcgtgg atgagtttta tcgcaacgtt cacaccgcca ttggccagga tcaagctctg   240
ttactttttt attgcaacct tcagaaagac aggcaggata gcacatggta tcttgcttga   300
tgtagataac agtcgccttc agtgagaaat aggccacctc atctgacata cccaattgct   360
cctctttgac ctgtgcgaca gtcttgaatt gttcaagttt tgtagtagat gcggctacac   420
caggcattga agcatgtgaa gcaaagactc catcccggcc ttgagcgtcg taccaaccct   480
tcaatttgtg ggcttcctca atatcaggat caaccgtcat tgaacctgaa ctcagcaagc   540
ttaaacttct acctccaaag tcagacactt tcacaccctt gaacgctatt acagactcgg   600
gtgtcacgtt gaaattcagc gcagttgatc cccagacagt taggcgaacg gaanaccccg   660
tgctgtccac taatgtaagc tcacgtttgt ta   692

<210> 7134
<211> 664
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 7134
ggaggattag atttagaatt acggaggaag tgctgcgccg agatggtagc gcgagataca   60
ccgggcattg ccattggagg actctccgga ggagaagcca aggaggagtt ctgcaaagtg   120
gtcgatactt gtactgggct tcttccagat cagaaaccga gatatgtgat gggtgtcggc   180
tacccccgagg atttgattgt aggagttgca ctcggtgcgg acatgtttga ttgcgtttgg   240
cccacgagaa cagctcgatt tggaaacgcg gtggtcccgt ctggcactct caaccttcgc   300
aaccacactt ttgcccagga cttcaggcca gtgcaagaag gctgcacttg caccatctgt   360
cgccccaaag atcagggtgg cctaagagtt acacgggctt acttacatca tatagcggcc   420
aaggaaacgg ttggcgctca cctccttaca attcataatg ttcattatct actttccctg   480
atggggctg cgcgacaggc tatcctggag gaccgattcc cggcattctt acgggagttc   540
ttcagcaagc tttatggaga aaagtctaag tatccggaat gggtggtggg ggcgttacgg   600
ngtgttggcg ttgatttgat ggaagactag tatatatcat gtctttgagc attatagata   660
gcgg   664

<210> 7135
<211> 613
<212> DNA
<213> Aspergillus oryzae

<400> 7135
ctctccaagg acgattgacg acctttcgca ctcgccatgc ctcccaagtt cgaccccaat   60
gaggtgaaga tcattcacct gcgagtgact ggtggtgagg tcggagccca gtctgctctg   120
gctcccaaga tcggtcctct cggtctgtcc cccaagaaga tcggtgaaga tatcgccaag   180
aacaccggtg actggaaggg tctgcgtgtt accgtcagac tcaccatcca gaaccgtcag   240
gccgccatct ccgttgtgcc ttccgcctct tctctggtca tcaaggccct caaggagcct   300
cctcgtgacc gtaagaagga gaagaacatc aagcacaaca gtccgttcc tcttgacgag   360
atcattgaga tcgctcgcaa gatgcgccac aggtctttgg ccaaggagct tcagggtacc   420
gtccttgaga tcctcggtac cgctttctct gttggttgcc aggttgatgg ccgcagcccc   480
aaggatatca gcgatgagat caaggctggc gagattgaca tcccctctga gtaaattatg   540
gtcggaaatc cgcggcggtc gttttaatgt atcggcatgc tagttaggag aatacgatta   600
atgcctttca aac   613

<210> 7136
<211> 661
<212> DNA
<213> Aspergillus oryzae

- 2536 -

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 7136
cgctggacaa catccacaac gatggttgat tatgagacca ctgctggtgg tgacaagttt   60
ggtaatatat ggatgctgcg gtgtcctaag aagatatccg aacaggctga tgaggatgga   120
tcaggcgcac atttgatcca cgaacgtggt tatctccacg gtacgcccaa ccgtctggag   180
ctgatgatcc atgtttacac tcaagacatt ccgaccacct tgcacaagac tcagcttgta   240
gccggtgggc gagacatcct cgtctggtcc ggtttccacg gtactattgg aatgctggtg   300
ccttttgtca gccgagagga cgtcgacttc ttccaaaacc tggagatgca attggcagca   360
cagaaccctc ctcttgctgg acgggaccat ctcatttacc ggagttacta tgcacctgtc   420
aaaggcgtca ttgacggtga cttatgtgag acgtatttct tattacctaa tgacacgaag   480
atgatgattg ccgcggaact tgaccgttca gtgcgagaaa ttgaacggna gatttcggat   540
atgcggacga gagtggcgta ctgattttag cggacacggc gtctagcgac ttccttttta   600
cgtancgggg ttcttagata cccgataatc gattgtgaga tatcatcatg taccgcttct   660
n   661

<210> 7137
<211> 681
<212> DNA
<213> Aspergillus oryzae

<400> 7137
ctagaccatc atacattcta gactatcata ctggacctct agtgtcaaag agcccaagat   60
ggcgctcgat gcaaaatcac cgacagttgc tactttaaac gatggcacta cagactatgt   120
ccccatgagg aaaaagtaca cctccaacca gccgcacatc actgagcaac ccatcacttg   180
gggcaactgg tacaagcatg tcaactggtt gaactgtttc tttattctct tcattccctt   240
cctaggctgc cttggagcat actggacacc tctccatctc tatacgggca tcttcgccgt   300
ggtatactac ttcaacgcag gtcttggcat cacggccgga taccaccgct gctgggccca   360
cagatgctac aaagcaactc tcccattgag gatctaccta gccgccgcag gagccggtgc   420
aggacaaggc tcgatccgat ggtggtcccg cggccaccgt tcccatcacc gatacacgga   480
tacagagaag gacccatact ccgtccaaaa aggattctgg tattcgcata ttggctggat   540
ggttctgaag cagaacccga aacgaatcgg tcgcacggac gtcactgatc ttgacgccga   600
tcccgtcgtc gtctggcagc ataccaacta tatcaagtca gctctgttca tgtgtctcgt   660
cttttcgacg ttggtctgcg g   681

<210> 7138
<211> 649
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 7138
gtcgaaagga atcttcaacg tttagcgctt tttattctca cggtccatct gtgtgcgatt   60
tttatctccc gacgctctac ctatttacaa agttgctctt ccgactatag aaatcatggc   120
ctccagagcc gcagcaggcg cccgtcctgg tgccagattc gctcagttca aacttgtctt   180
gcttggagaa tccgctgttg gaaagagttc gctagtattg agatttgtca aggatcaatt   240
cgatgactac cgggagtcga cgattggcgc tgccttttta acacaaacca tttctttgga   300
cgaaagcacg acggtcaagt tgaaaatatg ggataccgcc ggtcaggngn gatacaagtc   360
gctagccccg atgtactaca gaaacgccaa ctgcgcagta gttgtttacg atatcacaca   420
agcttcgtcg ctggataagg ccaagtcgtg ggtgaaagag ttacaacgcc aagcgaacga   480
gaacattgtc atcgcccttg cgggtaataa gctcgacctt gtcacagaan acccagacaa   540
gagggctatc ccaaccgcag atgccgaggc ctatgcacgt gaggctgttt tgcttttctt   600

- 2537 -

<210> 7139
<211> 708
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 7139
tggtacccaa tttgggcgag gggcactcct atccgggaaa catttaatta tattaacgga   60
ccacctttc caacctaatt ctttattccg tccaactttg gtgcctccta tactactcac   120
catggctgac tctcagcgtc gtccccgtgt cttctttgac attcaaattg gcaacgaaaa   180
aactggccgt attgccctgg aattgttcaa cgatgtcgta ccaaagactg cagagaactt   240
ccgtgctctc tgtaccggag agaagggcat gggaaagcag ggcaagccat tgcattntaa   300
gggttcgatc ttccaccgtg tgatcaagca attcatgatc caggtggtg acttcactgc   360
attcaacggc actggcggcg aatcgattta cggcgagaaa ttccccgacg agaattttga   420
gctcaagcat gacaaacctt tcctcctctc tatggccaac tctggccccg gcaccaacgg   480
aagtcagttc ttcatcacta ccgtccccac ccctcacctg gatggcaagc acgttgtttt   540
tggagaagta atcaacggaa agagtgtcgt ccgcanggtc gagaacatga acaccccagc   600
agacaagccc gtcaaggacg tcactattgt cgagtgtggt gagctcacng gccangacta   660
cgatgatgct gatnagcana cccctgatgc taccggcgac ccctacga   708

<210> 7140
<211> 726
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

<400> 7140
nctatgactt gaacancggn anttnnnnnn nnnnnnnnna nnnnnnnnnn nnnnnnnnnn   60
nnnnnnnnan nnttttttn nnnnnntttn nnnnnnnnnn anangnnnna atnnagaagn   120
tattaattgg tggataggcc tgtttaagta tgataagttc aagggcaccc ttccgaatgt   180
cttcatttgg aatgatatga acgagccatc cgtgttcaac ggcccggaaa ccactatgcc   240
caaagataac cttcattatg gcaactggga gcaccgtgac attcacaatg tcaatggtat   300
cacgtttgtg aatgcgacat ataatgcgat gttagaacgg aataaaggcg agcttcgtcg   360
gccgttcatt ttgacacggt cgtattatgc tggagcccat cggatgtctg ccatgtggac   420
tggcgacaat caggcaactt gcgaacatat ggccatctct ctgccgatgg ttctgaacaa   480
tggtatctcc gggttcccct tcgcaagaac tgatgttggt ggtttcttcc ataacccgag   540
caaggacctt ctcacccgat ggtatcaaac tggcatttgg tatcctttct tccgtgcgca   600
cgcacatata aatactcgtc cgcgtgaacc gtatttgatt agcgagcccc acaggtctat   660
catcgcacaa gccattcgtt tgaaaaacca actcttaact gcctggtaca ctgcctttca   720
cgaaac   726

<210> 7141
<211> 1981
<212> DNA
<213> Aspergillus oryzae

<400> 7141
ccgtcatcat acagccatat actgaacaag aactagaata tcaagaagcg ttccacaatg   60
gcctctttct aaatcctccc ccaggaaaga gctcgtctat ctctcgtgag acaggcatca   120
tagatcctca acggacttcg tcttttatca atatatcttc accacacccc tcagagtctc   180

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ctgtcccagg acctctgaac tttagcacca cctcgggtag ctcaagttct ttgaacaaca      240
tttctacgtt cgacttcacg tcgttcaaca cggatcacca tcagcaaaca tggctcccta      300
cacccccgcc ccagcagcct acggctcaga atctgaatta caacgacaac aacagtgcca      360
actccctaca ggaggacttt gtgctatatc cccagcatcc cagggactct cgtgcgccag      420
caccctcgag tacaacccct agatatcctg cataccatcc atctctggtc cgtcttgggc      480
acctttctcg acgacaaact cttagtttgc agcagcaaca gcagcagcag ctctcagcct      540
cgccagtaca ggttccccgc ttgaccagac ttgcctcgca gtctaccggg ttccctctgt      600
cttcgtctca tcggtttagt ccctccacta gaaagcacct cttgcgtcta cgcgcagcgt      660
ccgttgcttc gaattctcca cctgcggttg tgaattctgc gtatcccaat cgcccgcccg      720
ttcccctatt caacagtccc gccaattcca cctatcagaa acggcaacaa attccgataa      780
atcaccgtcg cataatgtct actcctaaca ttgctcaaga tctccccgat ttcttcgatc      840
ttcaagctga tcgcttcggg gacgatttgg ttccgaccac ggagcccacc atgctctccc      900
ctcatcagat gaccgccggc gtcatggcag gtcccgactc tctggcagat ctgccatctg      960
gcacgatctc gcccaaggat ctgttcatgg atgcctctgc tccgccgtcg gcctctttca     1020
ctgatttgag cactccctca ttcgagtccc cagggtactt cagccaagat acttccccca     1080
tgttcgctac agacatggaa ctaggccctg gcgtggagga gtggggttct ctcttcccct     1140
cccaggacga tttctccttg ggtctcgaca ccactgccct tgacattgct gcggctctgt     1200
cgcagcccaa ggttaaggct gatgtcaccc cagcatctcc tatgatccgt accacgtcat     1260
cccgtgctac atctccctcc gctcgctcag tcaccaagcc ctctcatgtg gctggtgtga     1320
acgcgcgcca aaggaagcct ctgcctccga tcaagtttga ttctcaagac ccagtggcca     1380
tgaagcgtgc tcgcaatacc gaggcggctc ggaagtctcg cgcccgtaag cttgagcgcc     1440
aggaggagat gcagcgccgg attgatgagt tggagaagtc actcgaagaa gctgaacgtc     1500
gtgagcaata ctggaaggct cttgcccaaa acaaggccta agtgatgtaa aagtcggttt     1560
ttagttacca tgctgtttct gcaagttctg ttatgaatgg gtttctgcgg tgggcggggg     1620
ctaggagcct ctcgccaacc cagatgtcgg atgcactcac tagtgcctgg aactggtcac     1680
tggtgaagtg acttccgaca ggataaaagt ttctattgtt atttttacca tatggtcgtg     1740
tgctagcact ttcggaccgc tttgtcttga ttatctctac ttcttgccag atatcggcta     1800
tctatcttct gatcattgtt ctagttcact catgggctct gatgtttcat tatttcgcaa     1860
tggccggttc tgatgtctcc tgcttggcag gattgactcg tggctactaa ttttttggat     1920
gttttgcttg attacttgga ttgtttgatg cttgtgattt cacgtgtatt agattgtctc     1980
c                                                                      1981


<210> 7142
<211> 653
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

<400> 7142
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aagcatgtca agccttcgta ctcacagact atcctgatgc caaacatgta ccagaacccg      120
gcgtacgacc cgaagaacaa gatgaacccc agccagctcc agaaccactt cgatgctttc      180
tacgaggatg tatggtgtga aatgtgcaag tacggagaga tagaggaatt ggtagtgtgt      240
gacaacaaca atgatcatct aatcggcaac gtctatgccc gattcaagta cgaagaagat      300
gcgcaaaagg cctgtgacgc tttgaattcc cgctggtatg cagctcgacc gatatattgt      360
gaactatcgc cggtcacgga ttttcgagaa gcatgctgtc gattaaatag tggcgaaggc      420
tgtgtgcgtg gcggattctg caatttcatt caccgaaagg accctaacaa tgagctgac       480
cgtgaactgc gcctgagcac caagaaatgg ctgaaggagc gccgcatgga cgccccgcat      540
tgtagtcgca atcccagccc ggagccgacg aagcggagaa attaaggtgt ggatttggtt      600
tttgtggtcc gcatgtggcg gtggggattt gaactctggc acctgtaatt ttt            653


<210> 7143
<211> 658
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 7143
ctttggggcc gatagcacca gcaagcctgt ttttttttac gagttagttc gctggggatt   60
gctgattgtc atttacccac tcagcaaaaa tgtctgcaac tcagttactc aatcccaagg   120
ccgagtcgag gcggagggcg gaagccttga aggtcaacat tagtgctggt gaaggtctcc   180
aggatgttct taaatctaac ctgggcccct ccgggacatt gaagatgttg gtggacggtg   240
ccggcggaat caaattgact aaggatggaa atgtgctatt gcgagagatg caaatccaaa   300
atcccaccgc cgtcatgatt gcccgggctg cgacagcaca ggatgatatc actggtgatg   360
gaacaacttc tgtggtgttg ttggtgggag aacttctgaa gcaggcagac cgttatattt   420
ccgaaggatt gcaccctaga gtaatcacag atggatatga gatcgcgaag aacgacgctc   480
ttaagttcct cgatcaattc aagatcgagc gtgcaatcga ccgtgagctg ttgctgtctg   540
tcgctcggac ttcgctcagt acgaaactga acagtgcact tgccgagaag cttaccccccg   600
acattgtcga tgccgttctc gctatccaca gagctcccga gaagccagat ctgcactn   658

<210> 7144
<211> 575
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 7144
cgaattccac cgtcagagtc gtctatagtc gaggaccaat tcttttggac atatacggaa   60
gagcctcacc gttcaagacg gcaagcgatt atcaaagccc atccagaggt taccaagctc   120
tgtggttatg agcctctcac taaatatgtg gtgtttggtg ttgtctccct ccagatatgc   180
tgtgcatatc tactccggga cacctcgatg ctgtcctggc ggtttcttgc aaccgcatac   240
ttgatcggag caactgccaa tcagaacctc ttcctcgcta tccatgagat ttctcataac   300
ctggccttcc ggtccccaat gggtaatcgt ctgttggcga tttttgccaa tctccctatt   360
ggggtgcctt acagtgctgc gttccggccc taccacctaa cgcatcataa atcccttggt   420
gttgcaggcc tcgataccga tcttccgact ggctgtgagg ccttcctnct ttgactcctc   480
ctcggcaagg ccttcttctg cactttttcag atcctcttct acgcccttcg gcctatngtc   540
atctacagcc ngnccttcac ctacatncac actct   575

<210> 7145
<211> 657
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 7145
tccctcctct aataaaattt aaactactta ccgtcgccat ggctcccaag gttgctatcg   60
tttactactc catgtacggc cacatcgccc acctggctga ggccgaaaag aagggtattg   120
aatctgctgg cggccaggcc gacatctacc agattgctga gaccctgccc aaggaggtcc   180
tggataagat gcacgctcct gacaagaagg atcacccccat tgccaacccg gaaaagctca   240
aggaatacga ggctgtgctg ttcggtatcc ctactcgtta tgtaacttc cctgcacagt   300
ggaaggcttt ctgggaccac actggcggca tctgggccac cggtggctac tggggcaagt   360
atgccggtct gttcgtctcc actggtaccc tgngtggtgg ccaggagtcc accgccattg   420
ctgccatgag cactcttgcc caccacggct tcatctacgt tcctctcggc tacaagacca   480
tgtttgccca gttgtccaac ctccaggaga tccacggtgg tagcgcctgg ggtgctggta   540

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cttttgctgg tgccgacggt tcccgccagc ccactgctct cgagctcgag atcgnctgag      600
gcccaggcaa aggctttcta cgagcacgtt gctcgtgtca acttcgcttg actgctg         657


<210> 7146
<211> 657
<212> DNA
<213> Aspergillus oryzae

<400> 7146
cgatatcttc attctcccct gttctacccc cttttttgtt ctttagattt tcctctttgt       60
tggagcgact gtctcttgca tacgctgcca gccatggcaa gcccgacctc aataaacgtc      120
aacgatccca gcttgatctc gctggtcaat aagcttcagg atgtcttcgc gacagtcgga      180
gttcacaacc ccatcgactt gcctcagatt gccgtcgtcg gttcacagtc cagtggtaag      240
agttcggtgc tagagaatat tgtcggacgg gatttcctcc cccgtgggtc tggaattgtc      300
actcggaggc ccctcattct tcaactgatc aacaagcccg caactcaatc gaatggcgtt      360
aaggaggaga agctggatac gacggatagc gccgcaaacc ttgatgaata cggagagttc      420
ctgcacattc ccggccagaa gttctacgat ttcaacaaga ttcgcgagga gattgtgcgg      480
gaaacggagt cgaaggtcgg ccgcaatgcc ggtatctccc ctgcgcctat caaccttcgc      540
atctactcgc ccaacgtcct gaccctcaca ctggtcgact tgcccgggtt gactaaagtt      600
ccggtcggtg acaagcccaa tgacattgag aagcaaatca gggatatggt cttaaat         657


<210> 7147
<211> 787
<212> DNA
<213> Aspergillus oryzae

<400> 7147
ggtactgact gatccgattc gcacgagtat ttgcaacttc tcttccctcc ctgttcattt       60
cttcttatt atgcactttc ttactttttc attacccact caacccccgt tgatttcttc      120
tacagctaat ccaacttgtc cactcttcac ttggctctta tttattttct gatagagtcg      180
tctagttact accttttgcg ccactccaac gatcaagatg tctctgtgtc ttaatcgcct      240
gacagaagaa agaaagcagt ggcgacgtga ccaccctttc ggattctatg cgaagcctca      300
tcgaacccct cagggtgtgt tggatttgaa gcgctgggaa tgtggtgtcc ctggaaaggc      360
gcagaccctc tgggacggcg ggctttttaa gcttgatgtc acttttccag acgaataccc      420
gaccaaaccg ccaaagtgca aattcgtccc tcctctgttt cacccgaatg tctacccctc      480
aggcaccgtc tgcctctcaa ttttgaatga agaagaagcc tggaaacctg ccatcaccat      540
taaacagatc ctgctcggca tccaggacct gctcgatgac cccaatccgg agtcgcctgc      600
acaggcggaa gcatacaatc tgttcaagaa agatcgtcca gcatacgaga aacgagtgag      660
acaagttgtg aagggagaac ccaacgcttt gagccaccct ttcattctac ggcggatagg      720
attacgtttt cggggttttc attttttttt cacatgccgt cttttctcgc caaatttctc      780
acgtggg                                                               787


<210> 7148
<211> 755
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A, T, C or G

<400> 7148
actggcattc ngacgaggct gctgagctaa taggtccact gccatgcgcg ggatgtgtga       60
ctgaatgctg gcattctggc cgagatgctg agcggaaaac ccttattccc cggaaaggac      120
tatcatcacc aattgactct tattttggac gttcttggta caccgacaat ggaggactac      180
tatggaatca aatcccgacg ggctcgggaa tacattcggt ctctcccttt caaaaagaag      240
atcccccttca aggcgctctt cccgaaggcc aacgatttgg ccctggacct cctggagagg      300
ctcttggcat tcaaccccgc taagcgtatt actgtggaag aagctttgcg tcatccatac      360
ctggagccgt atcatgaccc cgaagatgag cccacggcac ctcccatccc ggaagggttc      420
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- 2541 -

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ttcgactttg acaagaataa ggatgccctt agcaaggagc agttaaagat tctaatctac      480
gaggagatca tgcggtgagc ttgcattgga cagcttgtcc atcgggaaag actgaataca      540
ggtcgggata aataggatgg gatgaccgaa cccatgcact tcatatctag ttgcatagac      600
gacaagccag ggtaacaatc gcacatcgac tatgatattg gctgagtctc atgattggcc      660
cttttgacac gggttcaggc gtctggtgct ttcacttatt tacaagataa ccgtcttacg      720
cttgtcatct tgagctggaa tacatatgct angaa                                 755


<210> 7149
<211> 637
<212> DNA
<213> Aspergillus oryzae

<400> 7149
ctcattcgac gcgagattaa catataccgc atacaacagg cgtgctcacc atgccggtca       60
ccaaatactc acacccagac ccttactcct atcacactgg atttgattct tatcatgaaa      120
cggtagcctt ccaaggagcc cttcccgtag gccagaactc tcccgataat gctccgtatg      180
gtctatatgc cgaaaaactg tctggaacag ccttcactgc tcctcgacat gaaaaccaac      240
aaacttgggg gtactggatc atccccgtgg aagcccacga gaactttatg gtcaagaacc      3.0
gatactccta tcacactcat atgatcaccg aaaccactaa actgcaccac attgccaatc      360
agctgctatg gaacacgagc gacctggatg agactgtgga ctgggcgcat gggttgcatc      420
ttatttcacg ctccggatac cccaccttga aacaaagact gcgaattttg atgtacgcgg      480
ctggataaga cacgggctag gaagccttgt tttctgccga tggtgacttg ctgatagtcc      540
cacagactgg agttctacac atacacaccg atgtgcgtac acctattggt cggccaatag      600
agactggatc cttgccccga tgagaagcac cccgtag                               637


<210> 7150
<211> 1002
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(1002)
<223> n = A,T,C or G


<400> 7150
caaccacgtc ctcatcatgg ctggtgctgt ccagaaaagt gcctggcatg ccatccaggt       60
tactcttttc tcgagctatg caaatgtgtt gctggtgttt gtcttcctgg gtatttggtc      120
cggtgctcga ggatgggatc catcagctgt gttcatgttg aatttcttag ctatctttcc      180
cctggcttct ttgctttcct ttgcaactga agagttgtcc aaaagtgtgg gacagaccgt      240
ggggggattg atcaatgcga ccttcggaaa tgctgtcgag atgatcgtgg gaattactgc      300
cgtaactcaa ggggagatca acatcgttca atcgagtatg gttggcagta ttctgtccgg      360
aactcttctg gttttaggat gttgctttct aggtggagga tatggaaagg agacgctatc      420
cttcaacgtc gatgtcactc aaatcatgtc gtctctgatg atcgttgcct cgacctccct      480
catcatccct tccgctttat actcgactac tctctgcgag ctgcccgacg gagacgatta      540
catcctcacc ctatcccata tcacttcgat tttccttctc gttttttact tggtctatct      600
ttatttccaa ctgaaaagcc acgctcatct tttcgctagc accgaagagg aatcggacga      660
aaagcgcgaa ttagagcccc tccccgctag catcattctg atctttgcaa cacttggagt      720
taccgtctgt tccgattact tggtggaggg cgtggacggg tttgtggagg tatacggagt      780
caatcgggct ttcctgggga tgattgtcgt ccccattgtc ggtaatgcgg gcgaatttgc      840
tatcacggtg aatgccgcaa tgggcggcaa gctggatctg gccattgngg tcattgttgg      900
aagcacactt cagatcgcgc tctttgtaac tcccttcttg gtgctctgtg gttgggctct      960
cggcagccg atgtctctgc ggtttaatac tttccaaacc gg                         1002


<210> 7151
<211> 1565
<212> DNA
<213> Aspergillus oryzae


<220>
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- 2542 -

<221> misc_feature
<222> (1)...(1565)
<223> n = A,T,C or G

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atccctccga ccccctcggag acggtcgagg tcgccaaagc gacagccaac cttcatgatg   120
cccatttgaa tgaaaaaaag gctccttcca ttgacaagga cttggacatc acaccgagta   180
ttgaagaagt cccggcgacc aaagtttgtg ggcgcaccca ccgatgatac cgatctccaa   240
aagacctatc cgaccgacga ggaactgaga accctgcgtc gagtgtgcgg acaaatccca   300
tggacctcat ataccgtggc gtttgtggaa ctgtgcgagc gattctccta ctatggaacc   360
acagccgttt tcgtcaactt tatccagcgt cccatgccgg caggctcctc caccggtgcg   420
acctatgata gttcacgagt gccgggagcg ttgaacatgg gccaacaggc ctccactggt   480
ttgaccttgt tcaattcctt ctggtcctac atcatgccca cggccggcgc attcgtggcc   540
gatcaatact tgggtcgatt ccgcaccatc atgtactcca tcgctgccgc tttgcttggc   600
catttgattc tggtcatctc cgccattccc agcgtgatct cccaccccca gggcgcgatc   660
gcctgttttt cgatcggtct gatcatcatg ggcgtgggaa cgggcggttt caaatcgaac   720
atttcacccc tcatcgccga gcagtatcgc gaggaatatc catacatcaa gacccttgcc   780
tccggggaac gggtgatcgt ggaccagcc atcaccgtcc agcggatcta cctgtactac   840
tacttgactg tcaacattgg ttccatcacc ggccaggtga gcatggtcta tgccgagaga   900
tatgttgggt tttggctctc gtacttcctg ccgacatgct tgtttctgtg gtgcccgacg   960
gtgttgttcc tctgccggaa caagtactac cgggtgaaac cacaaggctc cgtctacaca   1020
caggcgttcc ggctctggaa gctggcgatg aaggggcggt ggtcgctgaa cccggttcgg   1080
ctgttcaaac gcaatgacaa gccattctgg gaaccagtca agccgagtgc tttgggtcct   1140
aatcgtcctc agtggatgac cttcgacgac gaatgggtcg acgaggttgc tcgtgggctg   1200
aaagcgtgca aagtgttcct gtggtaccct ctgttctggc tcgcatacaa ccagatgtta   1260
aacaacttga catcccaagc ggggcaccat gcacctcggt ggtgtcccca acgacatcat   1320
caataacctc aaccccccttg ccttgattat atgcattccc attttttgatc gggtcatcta   1380
ccctggcctg cgacacctgg gattcaactt tacgcctatt aagagaatca cgtgtgggtt   1440
cgtggttgcc ggctgctcca tgatcgccgc cacggtgatt caacactaca tttacgtgaa   1500
aggcccttgc ngcaagaggc caactacttg ctcgatgaat atggaaagta ttcgcccatc   1560
tncgg   1565

<210> 7152
<211> 672
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 7152
attcatagtt acggactttg agcccccacc ccaatagaat agcgctacaa tgacccaaac   60
ttcgacctcc aagggaacga taaaggttgc ggactatctg ttcgcccgac tctgccagct   120
cggcatccag tctattttg gggttccagg ggactacaac ctcagactac ttgatttcgt   180
ggagccatcc gggttgcact gggtcggaac ctgcaacgag ctgaacggcg catacgccgc   240
cgatggatat gctaggatca acggtctggg agctctgatc accacgtttg gtgtcggcga   300
gttatccgcc atcaacggaa tcgcaggcgc gtatgcggaa aaggctcctg ttatccacat   360
tgtcggtaca ccatcgcgtg cgttgcagga tgccgcact ttagtccacc atactttcgc   420
cgatggtgaa tataaccgat ttgccgcaat gcatgcccag gtcacagttg ctcaggcgaa   480
cctcattgat cctcgcacag cggcagagca gatagattgg gtactacagc aatgcctagt   540
ccatagccgg ccggtttaca tccaagttcc ggatgacatg gttgacgtca tgatcccggc   600
gtcaaatctc gaaacaagga agatcganat acctgctacc ccgagcacca agaacgagac   660
gtncgtattg an   672

<210> 7153
<211> 667
<212> DNA

<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 7153
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tcaaggaagc cggattcccc ccgggtgtta tcaatatcgt caacggcctc ggaagagttg      120
ccggcagcgc cctggtgacc caccctgatg tcgataaggt tgcctttacc ggctcaacct      180
tgactggccg agaggtcatg aagttggccg ccggtacttt gaaaaacatc acccttgaaa      240
ccggcggtaa atctcccttg gtcgtctttg gcgacgcaga tattgagcag gctgctaaat      300
gggcgcacat cggcatcatg tacaatcaag gacaggtctg cacagcaact tctcgtatct      360
tggtccacga atcaatctat gacaagttta tcgagctttt caagcaagaa gtggcctcgg      420
tcagcaaagt tggtgatccc ttcgccgacg acaccttcca gggccctcag gtcaccaagg      480
cacagtacga ccgagtcctt tcgtacatcg aggctggcaa atccgaagga gcaactctcg      540
tcgctggcgg gcagccttac aagaacgtcg gtgacgggaa aggcttcttc atcgcgccaa      600
ncatcttcac gaacgtcaaa gacaacatgc gtatctatcg cgaggaggtc ctcggcccgg      660
ttcgtcg                                                                667
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<210> 7154
<211> 667
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 7154
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aagggtatcc ctgagtgtgg tgctgatgct ttgcgttttg cccttgtgtc ttacactacc      120
ggtggtggtg atattgcatt cgacattcag gttattcacg ataccgtcg cttctgtaac      180
aagatctacc aggccaccaa atatgtcctc ggcaagctgg gtgacgactt caagcctcaa      240
cctaccgtct cgaagactgg ccgcgagtcc ctttccgagc gctggatctt gcacaagttc      300
aactctgctg ccaaggagat caacgaggct ttggagcagc gtgagttcaa cgttgtcgct      360
actactgtgt accagtactg gtatgcccag ctctgtgacg tcttcatcga gaactccaag      420
ttccttctcg ctcctgaggt gccggccgat gtgcaggagt cggctaagca gactctctac      480
actgctctcg agggcgcttt gaccttgatt catcctatca tgcccttcgt caccgaggag      540
ctctggcagc gtctgcctcg ccgncccaat gacaacacta tntccatcat gaaggcccgg      600
tacccagaat acaaggctga gttcaacgat gtcgaggctg anactgccta cgaacttatc      660
ttgaaaa                                                                667
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<210> 7155
<211> 890
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 7155
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gctgttcgaa aagcgacctt gagaggaaca cccgcaaaaa tggctgacac cgaatacaac      120
gctgaggagg ctgccgctat caaggccaag agaaccttcc gcaagttttc ctaccgcggt      180
attgacctcg accagctcct cgacctctct tccgaacagc tccgcgatgt cgtgcacgcc      240
tggctcgcc gtaggttcaa ccgtggtctg aagcgcaagc ctatgggcct catcaagaag      300
ctccgtaagg ccaagcagga ggccaagccc aacgagaagc ccgacctcgt caagactcac      360
ctccgtgaca tgatcatcgt ccccgagatg atcggctccg ttatcggtat ctactccggt      420
aaggagttca accagatcga agtcaagccc gagatggttg ccactacct ggagaattc      480
tccatctcct acaagcccgt caagcacggt cgtcccggta tcggtgccac ccactcttct      540
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- 2544 -

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cgtttcattc ccctcaagta aagaagaaaa gctttcagga gtgtcgcgtg gaggatcggg    600
cgtccggttg tgttggggaga agaaatcata agcgatggat accatttgtg cctatttggg   660
ttcatccaac ttgtatgtca agtgcgggtc agctgtttgc atctcaatat aaaggtcttg    720
tcggcatgtg aacgaaccac ggattcctac tccaatgttg aagagatctt cagtccttaa    780
ccctaaaggg acgaggcaag accgcctgtt cccttcctat tatccaaggg agcggtggct    840
aatttaacga aaataatgca cttggcgata caaaattcct gcgtgcggtt               890


<210> 7156
<211> 710
<212> DNA
<213> Aspergillus oryzae


<400> 7156
gttcactcgt tcatcgccga gaaggatgcg gattgctaca ccgggatgat gaatatgccc     60
tcacatcagg agtcgtcgat cctcgcccca ttgtcacaac ttctcgaaac ccgtctgtcc    120
gtttaggcgc attcgcaaag gaaatccgcc tgcttcttcc aacctcgatt cgactgaacc    180
gtggtggtct tgtgctccca gaccttgtat cgagtgccaa tgctgcagcg ttgacggata    240
tggttctcct gcatgaacac cgaggaaccc ccacagcgat gaccatttct cacctacctc    300
atgcccgac agccagtttt tcacttcaca atgtcgttct tcgtgcagac attcctaatg     360
ctgcccgtgg taccgtgtcg gagagctacc cccacctcgt ctttgagggt ttcaagacga    420
aactgggcct tcgggtagtc cagatattga agcatctctt ccctccgcgt gaggctggaa    480
aggttggcaa ccgtgtcgtt agtttcgtga acagggagga cagcatcgaa gtgcggcacc    540
acgtgttcgt gaagacgagt tatcgggacg ttgaactggc cgaagttggc ccacgcatga    600
ccatgagatt ggttgagatc cgcggtggat ccctggagaa aggctctagt ggtgatgttg    660
aatgggctct tacacagtac accagaacca gcaggaagaa ggattacttg               710


<210> 7157
<211> 959
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(959)
<223> n = A,T,C or G


<400> 7157
tttacgtcga gctcgtccga accggcacga ggctcgaagt atcctcgtcg gtgctatacg     60
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gtcgatgttc tcttgatcgt tgtgttggat ctgcataacc ccgctgtcaa caccctgccc    180
gggggaccgc gggtgctggc cgccatcttc caggcagcat cagcacggca tacggggacg    240
tcgagtttca acctcgccga tgtaaaccca gccgtccaat tcagcctact agtcatgatg    300
tatatctctg tattccctat cgccattagt atgcgtgcgt ccaataccta cgaagaacgt    360
tcacttggat tgttttccag tgacggtgag gtcgtcgacg agagcaacac tacgaattac    420
gtcctgtccc acgtgcggaa ccaactcagc ttcgatctgt ggtacatttt tcttgggata    480
ttttgtatct gcgttgccga atcaaacaga atcatgaacc cttctgagcc gggactcacc    540
gtctttgcga tattctttga ggctatttct gcatacgcca atgtcggcct cagcttaggg    600
tatccagggg tcagtacttc tttaagcgga cagctgtcga ccttcagtaa agtcgttgtc    660
tgcctttttga tgattcgagg aaagaaccgc ggactgccct atcagttaga tcgggctatt    720
cgtcttccca acgaacgcct ggttgacgat caagtagatt ctgagtcgga taatctgtat    790
acggacggaa aattggatcc gntggacatt cgagacctga aagtgaaacg gcatcacacc    840
aaatagcatc ggttttgaat cacacgatta tacatcngcc gaatagaccc ctatacatgg    900
ttttaagtga atggaacctg taattgacag cnnaaaaatta ccacttggtg acctatggt    959


<210> 7158
<211> 641
<212> DNA
<213> Aspergillus oryzae


<220>
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<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 7158
cacccttttgt ggaaagcaag ttctggaggg caaggacgcc gacgatgctg ccaatgctca   60
tgttgaggag ggtgtccgca tcaagccagt tacagtcgaa cttgaattgg atgactaagg   120
cacccgaatc tctctcacta ttgtcgacac tcccggtttc ggcgatcaga ttgataatga   180
agcaagcttt ggtgagattg ttggatacct tgagcgccag tacgatgata tccttgccga   240
agaatcacga atcaagcgaa accccgctt cagggacaac cgtgtccacg ttctttttgta   300
cttgatcaca cccactggcc atggcctccg tgagctggat atcgaattga tgaagcgtgt   360
ttcgcctcgt gtgaacgtca tttccgtcat tggaaaggct gactccctca ctcttgcaca   420
aatgggcgag tccaagaaac tgatcatgga ggatatctag cattttcgcg tccccgtgta   480
tatctctcct ttctacattt tggaggatga caaggatacc ccggaaagaa cactcaaaaa   540
caggggctca ttacgcgtgg cccccttgggt ctgtgactac ttgaaaactt ggggcgggaa   600
tgcacccccc actttcttct ggagagttga ggggtaaacc n   641

<210> 7159
<211> 703
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(703)
<223> n = A,T,C or G

<400> 7159
caccaccggt tacggtgcgg ccgtcgtcac cgccaaggtt gaggagggct cgaacgttgc   60
catcttcggt gccggctgtg tcggtctctc cgtcatccag ggtgccgtca agaacaaggc   120
cggcaagatc atcgccgtcg acgtcaacga cggcaaggag gcctgggccc gcaagttcgg   180
tgccacccac ttcgtcaatc ccactaagct caacggcaag actatccagg aggagctgat   240
tgagatgacc gatggtggtt gcgattacac tttcgactgc acgggtaacg tcggcgtcat   300
gcgtgctgcc ctggaggctt gccacaaggg ttggggtgag agtatcgtca ttggtgttgc   360
tgctgctgga caggagatct ctaccagacc attccaactc gtcaccggtc gtgtatggaa   420
gggttgcgcc ttcngtggta tcaagggccg tacccaattg cccggcttgg ttgatgacta   480
cctgaataac gagcttaagg ttgatgagtt cattacccac cgtgaaactc tggacaacat   540
tcaacgctgg cttccagcag atgcaccacg gtgactgtat ccgctgcgtc gtggactgcc   600
gtaattaaat tgtttgaaaa gaggttaaaa tgtatgctcg cttgatgata tcaatgtatg   660
aattatgtat tgaatgaaac cataataagc ctagaatgaa taa   703

<210> 7160
<211> 711
<212> DNA
<213> Aspergillus oryzae

<400> 7160
cttctaatca cacgagtcga ccatacacgc caaagtagtc gccatgtcgg acggaaagga   60
caagagcgcg aaccccatgc gcgagctgcg catccagaag ctcgtgctta acatcagtgt   120
cggagagtct ggtgacagac ttacccgtgc tgctaaggtg ctcgagcagc tgagcggtca   180
gactcctgtc tacagcaagg ccgctacac tgtccgtacc ttggtatcc gtcgtaacga   240
aaagatcgcc gtccacgtca ccgtccgtgg ccccaaggcc gaggagatcc ttgagcgtgg   300
cctcaaggtc aaggagtacg agctccgcaa gaggaacttc tccgagaccg gcaacttcgg   360
cttcggtatc aacgagcaca tcgatcttgg tatcaagtac gaccctggca ttggtatcta   420
cggcatggac ttctactgct gcatgacccg ccctggtgag cgtgtcgcta agcgtcgccg   480
ctgcaaggcc cgtattggtg ctcctcaccg catcaaccag gccgagacca tcaagtggtt   540
caagaaccgc ttcgacggaa ttgtccggta aatgtttcat ttctggtctt tggggggcc   600
aggggttgc gtttatgatg aatcaataaa aaaaggcaga aaaaatgccg gtctgctttg   660
aaatacttgg ttctaccacg gcatgaggat aggcgtgtta ggaatccaac t   711

<210> 7161
<211> 1895
<212> DNA
<213> Aspergillus oryzae

<400> 7161
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caccctcctg ttcttccttg tcgatcgctg gacagagcat ctctttctc cttttctctt        60
tcccacaccc gtatatacct acgagccctg tgctaggttg acgcagcagc tctatcacca       120
tgggtgacgc tgtagctcca aacgccctcg ccgataccac gcgagtggag gcaccgtca        180
ccttcaagac gtatatgatg tgtgcctttg cagcctttgg tggtatcttc ttcggttatg       240
attccggtta tatcaacggt gtcatgggca tgagttattt catccaagaa tttgaaggct       300
tggatcctgc caccaccgac tcggatcatt tcgttgtctc atcgtggaag aaatccttga       360
tcacatccat cttgtcggca ggtacattct tcggtgcttt gattgctggt gatcttgcgg       420
actggtttgg acgtcgcatc accatcgtct ccggttgtgc tatcttcatc gttggtgtcg       480
ttttgcagac cgcatcaacc accgtagctc ttctcgtagt gggacgtttg attgcgggat       540
tcggtgtcgg ttttgtgtcg gccatcatta tcctgtacat gtcagagatt gctcctcgca       600
aggtccgcgg tgccattgtg tcgggttacc agttctgtat caccattggt ctgatgctgg       660
cttcttgtgt cgactatgcc actcagaatc gcactgactc cggttcctat cgcattccaa       720
ttggcattca gattgcttgg ccctcatcc tcggtggggg gttgctcatg ctacctgaat        780
cgccccgtta tttcgtcaga aagggccagc tcgacaaggc gtcccatgtc ctcgctcgtg       840
tccgtggcca gcccgaggat tcggagtata tcaagcagga gctagcagag atcgttgcca       900
acaacgaata cgagatgcaa gcgatgcccc agggtggcta cttcaccacc tggctgaact       960
gcttccgtgg aagtctgttc caccccaaca gcaacctccg ccgtaccgtc ctaggtactt      1020
ctcttcagat gatgcagcaa tggaccggtg tcaacttcgt gttctacttc ggtaccacgt      1080
tcttcacctc cctcggaaca atttcgaatc ccttcctgat tagcatgatc accaccatcg      1140
tcaatgtttg ctcgactccc gtctcattct acaccatgga gaaggttgga cgtcgtcccc      1200
tgctgttgtg gggtgctctg gcatggttta tctgccagtt tattgtcgcc attaccggta      1260
ccgtcgtcgg tgacaagggc ggcaacaacg ctgcggtcag cgcggagatc tctttcatct      1320
gcatttacat cttcttcttc gccagcacct ggggtcctgg cgcctgggtt gtcatcggcg      1380
agatcttccc tctgcccatt cgttcgcgcg gtgtggctct gtccactgcg tctaactggc      1440
tttggaactg catcatcgcc gtcatcactc catacatggt tgaccaggac aagggcgatc      1500
tcaagtccaa ggtgttcttc atctggggat ccctctgcgc ctgcgccttc ctctacacct      1560
acttcctcat ccccgagacc aagggactca ccctcgagca ggtcgacaag atgatggagg      1620
agaccacgcc acggacctct gccaagtgga agcctcacac caccttcgcc gccgacatgg      1680
gactcaccga gaaggacatc accgacaaag tccacgtcgc ccaccgggaa gtctaatcca      1740
cccgtatggg cacggtcggc ggggactcgt ttggggggttc gggagggtgt tctgcaaatt      1800
acttttcctt tcttttcttt aattgactgg ttatcagcta tgaaactcat acccatgatt      1860
tgtacgcgtc atgtcggttt aatgctgagg cagaa                                 1895
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<210> 7162
<211> 721
<212> DNA
<213> Aspergillus oryzae

<400> 7162
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ggtcttaagg atatcatcgg caagctcgag gctcgggttg aggaattgga gagccgcctg        180
agcaatggat ttaagcccaa gtctgttgca gaacatatgc gcatggttct gatgggacct        240
cctggtgcag gcaagggcac ccaggcacct gcacttaagg acaaatactg tgtgtgccac        300
ctggctaccg gagatatgtt gcggtctcag gtcgccaaga agactgagct gggcaaagag        360
gccaagaaga tcatggatca gggtggcctg gttagtgatg agatcatggt caacatgatt        420
aagagcgagt tggacaacaa cagtgaatgc aagaacggtt tcatccttga tggcttttcct       480
cgtaccgttg ctcaggccga gcgcttggat gatatgcttg ctgccgtca acagaaactc        540
cagcatgccg tcgaactgca gatcgatgat gccttgctgg tagcaagaat caccggacgt        600
ttagttcaac ctgcttctgg acgtcctac cataaagtgt caatcctcct aaacaggaga        660
tgaaagatga tatgaccggc gagcctctca ttcagcggtc tgatgacaat gctgagaccc        720
t                                                                        721
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<210> 7163

<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 7163
gcttcacatt cgacttggtc acaatggcca ctgatttcaa gacggttctt gcccctccaa   60
aacgggctaa ttccgactat ccgttgattg attccgaccc gcacctgcga cgagtttttg   120
gatatgcgag accttctgat tatgctattg ctggcggagc agctgccgct tcgccactag   180
cattctgggc catggaaagg gtgagcccat ctcatgttgg tagaggaggt ttcgcccctg   240
tgatgcggct agcaacagca atcggcctta ttggaggtct ccatgtgctc taccaaagat   300
cttgcaatcg cttctatggt ttcaccgaga attcgaggga agttgagatg gatacaagag   360
aaatggttga caaggtcaag agaggtgaat ctctgtatgg cacctcgaag gtgtctgctt   420
atctgcaagg agtcgcggcc aggaactcgc ggtattcaga gttattcatt catgttcttc   480
cctggttcaa cattgtaaat catgatcagc atggcgtgga cacagctaag tactatcagc   540
aagctgagcg tgagctcgaa gccgagcgtt tggcgaaggc tggttctgcg tgaaaatatg   600
attggtatgg atcatcaagt tgagccgtaa cttgcgggat ctggaatatt tattctttag   660
gttt   664

<210> 7164
<211> 1033
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1033)
<223> n = A,T,C or G

<400> 7164
cgacttccca actttggtgc tccgcaacca ccgcgtcctc ggccgtttct tcgacaactc   60
acttcaccca acagaaacgc aatcatggct gctgtccagg gagctatttc gaagcgccgc   120
aagttcgtcg ccgacggtgt cttctatgcc gagttgaacg agttcttcca gcgcgagctg   180
gctgaggagg gctactccgg cgttgaagtc cgtgtcactc ccaccgtcac cgatatcatc   240
atccgtgcca cccacaccca ggaggttctc ggtgagcagg ccgccgcat ccgcgagctc   300
acctccctca tccagaagcg cttcaagttc cccgagaact ccgtctccct ctatgccgcc   360
aaggtccaga accgcggtct ctccgccgtc gctcagtgcg agtccctccg ttacaagctc   420
ctcaacggtc ttgccgtccg tcgtgcttgc tacggtgttc tccgtttcat catggagagc   480
ggtgccaagg gttgcgaggt tgtcgtttcc ggaaagctcc gtgctgcccg tgccaagtcc   540
atgaagttca ctgacggatt catgatccac tccggtcagc ccgctaagga gttcatcgac   600
agcgccaccc gtcacgtcct cctccgccag ggtgtccttg gtatcaaggt taagatcatg   660
cgcggttccg accccgaggg caaggctggc ccccagaaga ccctccccga ctccgtcacc   720
atcatcgagc ccaaggagga gcagcccgtc ctccagccca tgagccagga ctacggtgcc   780
aaggctatcg ccgctcagca ggctgccgag cagcagcgcc ttgccgagca gcaggccgcc   840
gagggccagg aggggtgctgg tgcggagact ttccagcagg agtaattggt ttcattttct   900
taggccctgc tctttttct tcgttcctgt cgtcctacct gatatcatta cctgacgcaa   960
ataaacaact acatgatctt ccatttggnt atcttccttc gctagcaagc tangaaaagc   1020
gtcttcccgt ccc   1033

<210> 7165
<211> 401
<212> DNA
<213> Aspergillus oryzae

<400> 7165
ttgaccttgg cacaacctac tcctgttttg ccaactatga aggcaccaat gttgaaatca   60
ttgtcaaaga ggaggtagc cacacaaccc cctcttcgt ctctttcacc gnaaaggagc   120
gcttgattgg cgaggcgca aagaaccagg ctgcgatgaa ccgaagaat accatcttcg   180
atatcaagcg tcttatcggc cgtcgctatg atgatcctat cgtcaagaag gatgttgaat   240
cgtggccctt caaggtagtt gatcagggtg gaagccctgc cgtcgaggtt gagtacctcg   300
gagagacgaa gactttcact ccccaggaga tctcctccat ggtcttgatg aagatgaaag   360

- 2548 -

aggttgcgga aaccaagctt ggtaagaagg ttgaaaaggc g   401

<210> 7166
<211> 680
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(680)
<223> n = A,T,C or G

<400> 7166
caccttgtcg cggtacagcc ttgacaacga caacgatgtt gccatcaatg caattttcgc   60
catgggtctt tgcggtgctg gtaccaataa tgctcgtttg gcacagctac tcagacaatt   120
ggccagctac taccaccgtg accagaactc tctgttcatg gtccgcattg cccaaggtct   180
cctgcatatg ggcaagggca ccatgacatt gaatcctttc cacacatcgc caggtcctct   240
ctcgtgtctc ggctgccggt ctactcacag tcctcgtgtc tatgatcgac gccaaacaat   300
tcattcttgc agaacatcac tacctcctct atttccttat caccgccatg tatcctcgct   360
tccttgttac actcgacgag gacctacaac ccctcaccgt gaatgtgcga gtgggacang   420
ccgtggatgt tgttggacaa gctggacgtt ctaagaccat cactggctgg caaacacaaa   480
gcaacccaat tcttctcgca tacggtgaaa gagcanagct tgaagaagaa cagtatatcc   540
ctctcagcag caccccttcaa ggggtttgtc attttgcgca aaaaccccaa cttgggaagg   600
gaacagaaca ctgcttaaaa agggatatac tggttttcta taaatattcg ggtttacttt   660
agcgccagaa aacacaaccg   680

<210> 7167
<211> 677
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 7167
cattcattga acaaaccaat tgatatatac aggctgaaat ccagaatttg cctgacatta   60
aattcctcac ctaattcttt cacctctcac catcacacgc acacaacaca cagatcaaga   120
tgttggaagc tcgcctagaa caagcctctc tcctcaagcg cgttgtcgac gctatcaagg   180
atctggtgca ggactgcaac tttgactgca atgactctgg tatcgccctc caggccatgg   240
ataactccca tgtagcccta ggttccatgc tcctcaaggc cgaaggcttg tccccatacc   300
gctgcgaccg caacattgct ctcggtatca acttggtctc cttgaccaag gtcctgcggg   360
ctgctcagaa tgaagacatt cttactctca aggccgatga ctcaccggac gccgataacc   420
tcatgttcga gagcgctgag accgaccgac taagcgaata tgatattagg ttgatggaca   480
ttgaccagga gcacctggca atcccagaga ccgagtatgc cgctaccgtc gagatgcctt   540
ctgcagaaat ncagcggatc tgccgaaacc tgaacgcact gtcgagtctn gtgncattga   600
ggctaccaag gaaggtgtca agttcctctg ccaaggtgac atttgcagcg gatctgtcac   660
caatccgtaa cacacct   677

<210> 7168
<211> 1167
<212> DNA
<213> Aspergillus oryzae

<400> 7168
ctggccgagt ccacagacca gtttgggcgt gcggaaatca atgacgctct ccgcgagctg   60
caacactcgc tggagacgcc gttcgatacg gtgatgcgga tgtcgctcga tacgtgtcaa   120
gtcgccgtgg cccgcattgg ctcggacctg ggtctgttta aacatctcag ccagtgtgca   180
tctcctcaga gcgctgagga actagccgat catctcggtt gtgggaggga actgatgtct   240

- 2549 -

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cggctcctcc gctacatggc ctcggtgcgc atggtacaac aaacagacga catcaaatac        300
atatcgagca acatcacaca gacgttggcc gtccccgggc tcgaagcagg aatgcgacat        360
gcattcgaga atctctggcc agtcctgatg gccctccccg acttcctcgc cgagcgcaag        420
tatcccgaca tcgtggatgc caaagacact gcgttccaaa aagccttcaa caccgatcag        480
gactgcttcc actggctagc aacccagcca acacgaattg cgaacttcaa ggtcctgctc        540
accgacgagc gcaccccaaa cttcctgtcc acgttcccac tagaaaagga gctcggatca        600
tggtctgcag agcccgagaa ggcgctcttc gtcgacatcg ggggtggaat gggacatgca        660
tgcatccgac ttcgcgagaa gtatcccaac caaccaggcc gcgtgattgt ccaggacctt        720
gcccccagta ctgcaagctg cgcaggcgac gcagccctg tcaggattg aatcgatgcc          780
acacaatttc catactccac aacccgtcca aggggccaag ttctactttc tccgtctcat        840
tctgcgcgac ttccctgacc accaggcact cgagatcctc cataacattg ttcccgccat        900
ggatgccgag tcacgcattg tgattgatga cggggttccc ccggagaagg gggcgcggtg        960
ggcagaaacc ggaacggaca tctgcattat gagtgctctg gggtcgaagg agcggactca       1020
gcggcagtgg gaggagctag ctgcaaaggc tggactgcag ctacaagctc tctaccagta       1080
cacctggcca gtggtgaatg cggccatggt gtttagcctg cagtagctac caatacgtag       1140
aacattatgt ctccaaaaaa aaaaaaa                                           1167


<210> 7169
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G


<400> 7169
gaaggtcact ggttctaatg ccctaggctt cggtgactat agacaatcat gaagctcgat         60
gcgaaggcga ttcgttacct cacttctgag gatttccgtg ttctctctgc ggttgagaca        120
ggaagtagaa accatgaagt tgttccgacc ccattgatcg caaatatctc aggtctccga        180
ggtagtagtg gtgtaaaccg agctatttcg aatttggcta aaaccaatct tattgcgaag        240
gtgaagaatg ccaaatatga cggatatcgt ctcacctacg gtggtctcga ttatctagca        300
ctcaacgctc accaaaagca aaaatgcatc tactccgtcg gaaaccaaat cggcgtcgga        360
aaggaatcag acattatcgt ggtcgcgaac caccagggaa cacagcgcat cctcaagatc        420
catcgtctcg gtcgcatttc tttccgaacg gtcaaaacta accgagacta cctacgacac        480
cggcaaactg gctcgtggat gtatatgtcg cgtttggcgg cgatgaagga gtatgcattc        540
atgaaggcac ttggagagaa cggattctcc gtaccagagc ctatcgcgca gaacagacac        600
acaattgtca tgagtctcat ttgacgcctt nccactatcg ccagaatttc gacaagtccc        650
gaaccccggc gttctttgta ctcagag                                            687


<210> 7170
<211> 678
<212> DNA
<213> Aspergillus oryzae

<400> 7170
gacactcgtc acagtccaga gggatgttta cggcttctgc tcgaagccgt ctctccacac         60
tttcgcggcc ccgtctctct cctaccaact ctcttcttgc tagatctgct gtggcaccaa        120
ttatggctcc tcggcataag gcttcgtctg tcccggaggg ctacgtagaa gacctctcta        180
agggcaagat gctcagattt gaagattccc ttcctcgctt gcccgtcccc actcttgaag        240
aaaccgcccg ccgctacctg aaatcggtcc atgcggtggt ttccgaagcc gaatatgaga        300
ataccaagaa ggccgtggaa gccttcgttc gcctggtgg cgaggtcaa actctgcagg         360
aaagacttct ggccgtgct gcggacccca aaaataagaa ctggcttact gaatggtgga        420
accacgccgc atacctgggt tatcgcgacc cggtggttcc ctacgtttcc tacttctact        480
catacaagga cgatcgcgct cgtcggaacc ccgcaagcg tgccgcatct gtcgcgaccg        540
cggctctcga gttcaaacgc caggtggacg atggctccct ggagccagaa tacatgcgcg        600
ccgcgcccat cgcgatgagc tcgttcgagt acatgttcaa ttgctgccgc attcccgccg        660
acggtgcgga ttatcctc                                                      678


                                    - 2550 -
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<210> 7171
<211> 799
<212> DNA
<213> Aspergillus oryzae

<400> 7171
cccaacaacc cgcgacaagg aaaggcagca ccagcagcac agcccgctat ccgtcgctcg   60
tctgcaaaaa tggctgctat caacaagatc gccctcaact cgccctcgag gcagaacccc   120
tccgagctgg agaacgcgat cgccggcgct ctcttcgact tggagagcaa cacacaggac   180
ctgaaggcca cccttcgtcc tctgcagttc gtctctgccc gtgaggttga ggtcggccac   240
ggcaagaagg ctgtcatcat cttcgtccct gtccctctcc tccagggctt ccacaagatc   300
cagcagcgcc tgacccgtga gctcgagaag aagttctccg accgccacgt cctcttcgtt   360
gctcagcgcc gcatcctgcc caagcccaag cgctctgtca actcccgcac caaccagaag   420
cagaagcgtc cccgttcccg cactctgact gctgtccacg acgccatcct cggcgacctg   480
gtctacCccCg ttgagatcgt cggcaagcgc atccgcacca aggaggacgg cagcaagacc   540
ctcaaggtca tcctggatga gaaggagcgt ggtggtgttg accaccgtct cgatgcctac   600
ggcgaggtct accgccgttt gaccggccgc aacgtcgtct tcgagttccc ccagagcagc   660
gcctctgact tctagatgcc aaattttctc cttatgtcct tttaaaagct tttttttttt   720
tccggggata aggccattga aaaaaaaatt agttctgggt atttcaagac caaagacccc   780
gggtttttact ttttttttt   799

<210> 7172
<211> 688
<212> DNA
<213> Aspergillus oryzae

<400> 7172
ctcatttatc cccgtttcgc tcttaaacac catcataatg ttcaagagcg gtcttgcccg   60
gaccttcggg agggctgctt ttgcccggcc taccccggtc gcccgtcgcg ttccctccaa   120
gatcaatgcc ttcccttccc ttgccaggtt ggccagcact gaggccggcg ctaccggcaa   180
ggttcaccag gtcattggtg ccgtcgttga cgtgaagttc gagggtgaga agctccctgc   240
cattctcaac gccattgaga ccgagaacaa tggccagaag ctcgtccttg aggtttctca   300
acacttgggt gagaacgtcg tccgtactat tgctatggag ggtaccgagg gtttgactcg   360
tggtgccgct gctcgcgaca ctggtgctcc catcaccatc cctgtcggtc ctggcaccct   420
tggccgtatc ctcaacgtca ctggtgaccc cgtcgacgag cgtggtcccg tcaaggccac   480
caagtacgcc cctatccacg ccgaggctcc cgagttcgtt gagcagtcca ctgagggtga   540
gattcttgtc actggtatca aggtcgtcga ccttgcttgc cccctacgcc cgtgggtggt   600
aagattggtc tcttcggtgg tgccggtgtc ggtaagaccg tgttcattca ggagttgatt   660
aacaacattg ccaaagctca cggtgggt   688

<210> 7173
<211> 733
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

<400> 7173
cgagtactgg gacgcgcttt taaccagaat cccaataacg aggatatttg gcttgctgct   60
gttaagctcg aggccgacgc ccggcaaaca gaccaggcta gagagctcct tgcgactgct   120
cgtcgggaag ccggaacaga ccgtgtttgg gtgaaaagtg tcgcctttga gcgacaactg   180
ggtaatgcaa atgaggcgct agacctagta aatcagggcc ttcaactata cccgaaggcg   240
gacaagcttt ggatgatgaa gggtcaaatc tatgaatccc agaataagta cccgcaagcc   300
cgggaggtgt atggaacagg tactcgtgcg tgttccagat cggttccgtt gtggctgttg   360
gcttcaagac tggaagaaaa ggctggtgct gtcgtcaagg ctcgctctgt tcttgacaga   420
gctcggcttg ctgttcctaa gagtgctgaa ctgtggacag aaagtgttcg tgttgaacgg   480
cgtgcaaaca atatcgccca agctaagatc ttgatggcaa aggcattgca ggaagttcca   540

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acatctggat tgttatggag tgagagtatc tggcatctcg aaccgcgggc acaacgcaag      600
gctcgcagct tggaggctat caagaaggtt gataatgacc cgatattatt cattacagtg      660
gctaggattt tctggggaga gcgtcgactg gagaaaagca tgacatggnt tgaaaaagcg      720
attgtgtccc acn                                                          733


<210> 7174
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 7174
ttcatcgcta tttgactatc aagtctatgt ctcccgagga aaggaagaaa gtcttgccac       60
gagtatccat tattggtggc aaggcagccc cagggtactg gatggctaaa acagtcatcc      120
atcttgttaa cagtgtcgca tcagttgtaa acaatgatcc ggacatcggc gatcttttga      180
aagtaatatt tattcaagac tacaatgtca gcaaggcaga gataatttgt cccgcttcgg      240
atattagcga gcatatctca accgctggca ctgaaggtag tggtaccagt aacatgaagt      300
ttgtactcaa tggtggtctt atcattggaa cttgtgatgg agccaacatc gaaatcactc      360
gcgagatcgg cgaacaaaac attttccttt ttggaaatct agctgaagat gtccaggaac      420
tacgtcaccg tcactactac ggtgactttt aactcgaccc tcagcttgcc aaagtgttcg      480
atgccatccc aagtggcacg ttcnggaatc ctggcgactt ctttgcgctt attgcattca      540
ttgcaaaaca tggtgactac tatactgtat tcgaccgatt taactcgttt tgaccaccca      600
aaaattgttg dacaggcctt cccgaccaaa accaatggat agtcaagtcc attacttatg      660
tgcacccct ggcttttttt tcccggn                                          687


<210> 7175
<211> 680
<212> DNA
<213> Aspergillus oryzae

<400> 7175
cattgccatc gtatctcatc ggcgaccota ataacctgtt ctcttcatat catatacttg       60
aacttctgtc gaaccattcc caatcgcaaa aatgactgga ggcaagtctg gaggcaaagc      120
cagtggcagc aagaacgcgc aatcccgttc gtccaaggcc ggtctcgcgt tccccgttgg      180
acgtgttcac cgtttgcttc gtaagggcaa ctacgctcag cgtgttggtg ctggcgcacc      240
tgtttacctc gccgctgtcc ttgagtatct cgccgccgaa attcttgagt tggccggcaa      300
tgctgctcgt gataacaaga agacccgtat cattccccgt catctccagc tcgccattcg      360
taacgatgag gagttgaaca agctgctggg tcacgtcacc atcgcccagg gtggtgttct      420
gcctaacatc caccaaaacc ttcttcccaa gaagaccccc aagagcggaa agggtcctag      480
ctaggagctg tgaattgttt gtttttattt gggttttctc attcggcgtg gtttggttct      540
cttattgatg tgataacggg gttctggact gggcacgttt atggctctgc gttttttttg      600
ttttaatttt atggttgtac attatgtcta cggacatgga atgataccgg cagctttcaa      660
aggaaatggg ctttcggcac                                                  680


<210> 7176
<211> 1053
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(1053)
<223> n = A,T,C or G

<400> 7176
ccgaaagctg agcaatggag atctccaaga aagcagcaac actgctgcca aagcccttct       60
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- 2552 -

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acgtgctgag tcaagccctg aacctctcga acaaggacca cacaaaatgg tggtatagca    120
cagctccgat gtttgccacc atgatggcgg gggccggcta tgatgttcac gcacagtaca    180
agttcctctg tatccaccgt gaggtcatca tcccggcgtt gggtccatac ccagaaaagg    240
gtcagcccat gcactggaag agtcatctca cacgcttcgg acttcctttc gagctgagct    300
tcaattactc caaatcacta ctacggtttg cattcgagcc cctcggttcc ctgacgggaa    360
cgaaggatga tccattcaac acccaggcaa tcaggcctgt tctccaggac ctcaaggcca    420
tggttccagg gcttgacctg gaatggttcg atcatttcac taaagcattg gtcgtttcgg    480
aggaagaggc tcggactctg ctagatcgag atattgagat ccccgtcttc aagacacaga    540
acaaactggc agccgatctg gagccatctg gcgatattgt cttgaagacc tacatctacc    600
cgcggatcaa gtcgatcgcg accgggaccc caaaagagag actcatgttt gacgcaatca    660
aggctgccga caagtttggc aaagttgcca ctccactggc aatcctcgag gagtttatag    720
ctgagcgagc acccaccctc ctcggccact ttctctcatg cgatttggtc aagccgtccg    780
agtcccgaat caaggtctac tgtatggaac gccagctcga cctggcctcc atcgaaggta    840
tttggactct caacgggcga cggaacgatc cagagacact ggatggtctg gatgcgctga    900
gggagctgtg gcagctattg cccgtcacgg agggtctgtg tccactgccg aactgctttt    960
acgagccggg tacctcaccg caggagcagc tccccttcat tataaattnt accttgtctc   1020
ctaaaagcgc acttcccgaa ccacagatct att                                1053


<210> 7177
<211> 686
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G


<400> 7177
aacatcattc ttacaacgaa ctgagacatc cactctgcga tcgatctgca tcaaggccag     50
cgatgctaat tgattatatc atagaacgtt tggagaaggt ggcacaaaaa gacgggcaca    120
atgctctaaa cgacccgacg tcctggttac gggataaatt taatgccgtt cgtgagctac    180
ccagctttct cctgccgcgg tattttgcca ttattgtcca agtcgcgtac aacgctgcct    240
ggaagcaggg cattcggctt ctgggggaga gtatacagaa gggacaagaa ttcgttcatc    300
aactgggcat ggtcagcgtc caacaaactg gatacgtgaa aaccgcatcc ctatggccta    360
cgagaagagt accaagcctt gcagctggcc taccacattt tgctgtggac tgggctagat    420
gttggggtag agacgttttc atatctcttc gaggcttgct tctctgtact ggccggtttg    480
atgatgccaa agagcatatt ctcgcctttg ctagcgtcct caaacatggg atgatcccta    540
atctgttgag cagcggaaag cttcctcgtt acaattctcg agattctgtg tggttctttc    600
ttcaggctan tcaagattac accgcaatgg ttccaaatgg tatagaactc ctcggcgaga    660
aagttcccag angttcctgc cgtaca                                         686


<210> 7178
<211> 682
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G


<400> 7178
cgttctgctt cagtatgcaa ttcgtcatct tcatcgaact gattggaaca ctggtcctcc     50
ctgcagctat cgcatttacc ttctacgtgg tcatctcgtc tattgtcaag aagccggtgc    120
aggtcattcc gctggtcctg ctggccctca ttctgggact tcccggtgtg ctcatcgtcg    180
tcaccgccca ccgattggtc tacgtcttgt ggatgttgat ctatctcctc tcgctgccca    240
tctggaactt tgttcttccg acctactcgt actggaagtt tgacgacttc agttggggtg    300
acacgcggaa gaccgccggg gagaaggaca aggggcatga tgctggggaa ggagaattcg    360
atagtagtaa gatcacgatg aagcgctggc gagatttcga gaaagatcgc cggcttcgca    420
```

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tgcaggccgc ctggggacag cctccgatgg gaggatatcc tacgcgttac gaagaatact      480
ccgattacta gtatataggg gacatgtgct atatttcttt ttatgttggt cacgagcgat      540
tcgactgact tttgtattac gttttcttt tcatgcgtct ctaattcttt gggcctttttt      600
atctatccta tgacgcactt ggaagggtgt ntagagaaag attttgtat agctttccgc      660
gaaaggtaag gaccgtacac ga                                                682


<210> 7179
<211> 750
<212> DNA
<213> Aspergillus oryzae

<400> 7179
gcttcgcaag agtattccgt ccccttatcg gttctccatt tcgattccag aatcgttcca       60
taccggtcca agcgcaacac atccgagcca tgcatatcca atcgattccg atgtggacgg      120
ggaagggcaa taattatgcc tacctggtga cagacgagcc aaccaagaag tctgtgatta      180
ttgatccggc caacccgcca gaagtagcac cggtgttgaa gagtcaaatt gaagatggca      240
agattgatct gacagctatt gtcaatactc atcaccattg ggatcacgct ggcggcaatg      300
atgaactgct caaaatcttt ggcaacaaac tccccgttat cgggggtaag aattgtcaat      360
cggtgacgca gactccggcc catggagaga cattcaagat cggagagcgc atctccgtaa      420
aagctctcca tacgccttgc catacgcaag atagtatctg ctatttcatg caggatggtg      480
aggaacgtgt cgtattcacg ggtgacacct tgttcattgg aggatgtggt cgcttttttg      540
aaggcactgc cccagaaatg cacaaaggcc ttgaacgaga cgcttgcctc tttgccggat      600
gatactaagg tctttcccgg ccacgagtac actaaaggca acgtgaagtt ctgtcttgcc      660
gtgtcacagt cagagcctat caagaagctg gaggcattcg cagagcagaa ccagcagacc      720
caggggcaag tcacgattgg tgatgagaag                                       750


<210> 7180
<211> 553
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G


<400> 7180
acttctcctt ctggttttct ccctttctct ctggctagaa ttcgtttgct agacgttgtt       60
caaatctcca tcaaaatgtc ctgcattacc acgccagcca ttcctccggt ggctcttgaa      120
tcaatcactc aacacattgg taacacgccc ctcgtgcgct tgaacagact tccacgtagc      180
cttgggattg aggcaactgt ctatgcgaaa ttggaatatt tcaatgctgg aggaagtgta      240
aaagatagga ttgctctgcg catgatcgaa gaggccgaac gatcagggcg cataaagcct      300
ggtgatactc tcatcgaacc cactagcggt aacactggaa ttggtttggc gctcgtcggc      360
gctgtaaagg gatacaagac cataattact ctcccggaga agatgtcagc tgagaaggtg      420
gctgtactga aagcgttgaa tgcaactatc atccgcactc ctaatgaagc ggcgtatgat      480
tcaccggaat ctcacatcgg tgtcgccaag cgtcttgaga ggaacntccc gacgcgcaca      540
tctggacaat atg                                                         553


<210> 7181
<211> 653
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G


<400> 7181
cgactctgta atgaatgtcc agtggtatga tgcgaatgtg tcgctaccgg gttgcgataa       60
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- 2554 -

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gaatatgcct ggtgtgttaa tggcgatggg acgcacgaat cggcctagta tcatggtcta      120
cggcggtagt atcaagcccg gatgcagtgc aaagggccaa aagttggatc tggtcagtgc      180
attccagtcg tatggccagt acattactgg ccagatcgac gagaaagagc ggttcgatat      240
tattcgcaat gcatgccccg gcagaggtgc ttgtggtggc atgtacaccg caaataccct      300
ggcgacggct attgagacta tgggtatgac cgttcccggt agcagtagtt gtccagcaga      360
cgatcctaag aagctggtcg aatgtgaaaa catcggtgaa gtggtgaaga atatgctcag      420
ggaagatatc anacctagtg atgttttgac ccgtcaagca tttgagaatg catgattgt       480
gggtaaatat acctgggggg tagtaccaaa cgctggtctt accccgatt tggttatgct        540
gacctcggcc ggattaaatt gactatcgat gacttccagc cgtatccgat tagacaccct      600
tcctgggtga ctgaagccct ttggaaaatt tgtctgaatg acctttccct atg             653


<210> 7182
<211> 849
<212> DNA
<213> Aspergillus oryzae


<400> 7182
cccttctttc ttctaccact tgcaattgct gcctcccctt tcctctccac ctactttaat       60
tggaggattg gctgtccatt atactctcta tctttggttt ttttttcttc tttaattccc      120
catccttctc gccatgttcc ggactctctt gccgcgggct gcaccgcggg ctgccctccg      180
cactgctcgc cctcagtctg tcccttctaa cttcgtcgct gctcctaccc tctccttctc      240
tctcttgaac aactcccacc tttatcacca gatcctccac gacacgaaaa agcgcggtat      300
tgaggtcggt gatgtcaagc tgaacctcga gcagatgatg aaggccaagg acacttccgt      360
cgagggtctg acgaagggta ttgagttctt gctcaagaag aacggtgtcg actacgtcaa      420
gggtactggt gctcttgttg atcctaacac tgtcaaggtg aacctgctcg agggtggtga      480
acaaacccct cgcggaaaga acatccttat cgccaccggt agcgaggcca cccctttccc      540
cggcctgaac atcgacgaga agcgcatcat cactagcacc ggtgctcttt cgctacagga      600
agttcccaag aagatggttg tcattggtgg tggtatcatc ggtttggaga tggcttccgt      660
ttggtctcgt ctcggtgctg aagttaccgt tgttgagttc ttgaaccaga tcggtggacc      720
tggtatggat gcaaagattt gccaacaggc tcagaagatc ctgtcgaagc agggtatcaa      780
gttcaagact ggcacccagg tcaccaaggg tgatgacagc ggcgcttctg tttctattag      840
cgtcgagtc                                                              849


<210> 7183
<211> 685
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G


<400> 7183
gggccttcat tcccgcgagg cgggtcaaca gataatcaat gacctcagag ccgtaggcca       60
tggagacacc gtggagcaat ggagactgag agactggttg atcagcaggc agcgctatga      120
ggggtacccc gattcccatc attcactgcg gggattgtgg ccccgtgccc gtgccggacg      180
atcagctccc agtcaagttg cctaaaatag aaggggactg gctgaaaggg aagagaggaa      240
atcctctgga gtcgtccgat gagtgggtta acactgaatg tccgaggtgt caaggtcctg      300
cgaagcggga tacggatacc atggatacct ttgtcgattc ctcatggtat tttctcagat      360
atctagatag cgccaaccga cgacagccgt tttcaccgtc atctgcgcga ccagtcgatg      420
tttatatcgg cggtgtcgag cacgcgatct tgcacctact ctacgcccgg ttcatctaca      480
aattccttgc taagtccggc ttgttcccgg agattgctca tgtaggtgat gtttcgaggc      540
ggttggagcc gttcaagacg ctcctttccc aaggtatggt tcatgaaag acgtactcgg       600
agccctctac agggagattc ctncacccttt ctgaaatgga ctctctagcc ccgataaacc     660
gtcatcaagg tactcaaatc actct                                            685


<210> 7184
<211> 675
<212> DNA
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- 2555 -

<213> Aspergillus oryzae

<400> 7184
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ccccatccaa gatggcgaaa atcaagaaga agggaacttc tggccaggcc aaaaactata      60
tcactagaac tcaggcagtt cgcaaacttc agatttccct gcctgacttc cgtcgactat     120
gcattttcaa aggcatatat ccccgtgagc ctcggaataa gaagaaggcc gccaaaaact     180
cgactgccag cactactttc tactacacga aagatattca atatctcctg catgaacccc     240
tcctccggaa attccgtgac cagaaagcgc tctcgaaaaa gattgctcgc tcccttggac     300
gtggtgaagt gagcgacgca actcgcctgg agaagaacca tgcgccgcag ctcactttgg     360
atcatatcat caaggagcgc tacccaactt tcatcgacgc tctgaaagac tttgatgatg     420
ctctgtcgct tctggtcctt cttgcgaacc tttctttcac tgcacatgta ccctcccaag     480
accaacgcgc tttgccaacg ccttttgcat gaatttcagc actacctgat tgtcaccaac     540
ttcctgcgca aaataattct tttcattcaa aggtatttac ttacaagctt accatcaagg     600
acaaggatat atggtggtgg ggcctctacc aaatcgttca ccgggtgaat ggaaaagtcc     660
attttcgaat caggg                                                      675
```

<210> 7185
<211> 677
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 7185
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cccccctccc ccctcttaa ttccactgtt tcttcggctc attagagaag tgtttctttt      60
cttttgatcc gtcatcatga gctccctgag cttgcggagc ctagctcccg catccaagat     120
ttccgtgcc ttgagggatc agagacgtct tttttcctca acccggcccg cagcccggat     180
ttttggcagc aacccattgc gcgctaggga agccactggc gctatcgccg agaagtaccc     240
gatcattgac cacgagtacg atgctgtcgt cgtcggtgct ggaggtgctg gtcttcgtgc     300
cgccttcggt ctggcggaag ccggttttaa cactgcctgt gtctcgaagc tcttccctac     360
aagaagtcac actgttgctg cccaaggtgg tatcaacgct gctcttggaa acatgcacga     420
ggatgactgg agatggcaca tgtacgatac cgtgaagggt tctgactggc tcggaaacca     480
ggatgccatt cactacatga ccagagaagc ccccgctagt gttcgtgagc ttgagggcta     540
cggatgcccc ttctctcgta ccgaggacgg cccgatctac cagcgtgcct ttgggtggtc     600
agtccaaaga attctgaaag gggcggccag gcctaccgtt gctgtggtgg ccgctgatcc     660
gactggtcac gcctttn                                                    677
```

<210> 7186
<211> 596
<212> DNA
<213> Aspergillus oryzae

<400> 7186
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cgccgctcag agtgccgcta ttgccattgt caagggcatc aacggcaatg ccgtcaaggc      60
cgtcattcct cctattctcg agtccctgga gtccgcccag aagtggactg agaagctgtg     120
cgctctcgag tgcctcaact ctctcattga gaccgctccc gctcaggttt cttaccgtgt     180
ccccgccctg attcctgctg tctccgaggc tatgtgggat actaaggccg agatcaagaa     240
ggccgcttac tccaccatgg agaaggtctg cggtctgatc gttaacaagg atatcgagcg     300
tttcattcct gaactcatta agtgtatctc caagcccgag aacgtccccg agaccgttca     360
cttgctcggt gccaccacct cgtttccga tgtcactgga cctaccctcg ctatcatggt     420
tcccttgctt gaccgtggtc ttgtcgagcg tgagactgcc atcaagcgta agtctgctgt     480
catcgtcgac aacatgtgtt aacttgtcga ggacctcag atcgtcgctc ccctctttgc     540
caaaattgat gccttgtctt acaccacacc cttgacaccc ttgcccgacc ctgaag       596
```

<210> 7187
<211> 698
<212> DNA
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<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(698)
<223> n = A,T,C or G

<400> 7187
ctccaccgtg cctttttccgt gttcctcttc gattccaaca agcgcttgct tctccaacag   60
cgcgccactg agaagattac attcccagat atgtggacaa acacttgctg ctctcaccct   120
cttggaattg ctggcgagac cggttctgag ctggatgccg ctatcttggg cgtgaagcgg   180
gctgcgcagc ggaagttgga acatgagctt ggaattaagc cggagcaagt acccctggat   240
aagttcgatt tcttcacgag aatacattac aaggctccta gtgatgggaa gtggggagag   300
catgagatcg actatattct cttcatccag gcagatgtag agctgaagcc tagcccgaat   360
gaggttcgag acacgaagta cgtctcggct gacgaattga agacgatgtt tgagcagccg   420
gggttgaaat tcacgccttg gttcaaactt atctgcaatt cgatgttgtt cgaatggtgg   480
agccatctcg gctctccaac cctggagaag tacaagggcg agaaaggtat ccggcgtatg   540
tgatattcta ctccacggag actgatgata tgatngtacc cggttttgtc tcgcaacata   600
gcgggtgctc ttcggctggt tctatctatt tcccctaatg atgataccat ggcatgggcc   660
agtcaaacgc attattatat ttggacagaa gttttctn   698

<210> 7188
<211> 951
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(951)
<223> n = A,T,C or G

<400> 7188
agcctccggc gacgcccgtt ctccattctt cttttcgatg aagttgaaaa ggcagccaag   60
gaggtcctca cggttctcct ccagctcatg gacgacggac gtgtcacaga cggtcaaggc   120
agaattgtcg acgcgaagaa ctgcatcgtc gtcatgacgt ccaacctggg tgccgaattc   180
ctgtctcgtc ccgccactaa ggatggacgg atcgatcctc aaactcgtga attggtcatg   240
ggcgccctcc gtgactactt ccttcctgaa ttcctcaacc gtatctccag tacggtcatc   300
ttcaatcgcc tcaccaagaa agaaattcgc aagatcgtcg acctccgtct ggacgaagtc   360
caaaagcgct tggagcaaaa cggaaagaac gtcacgatcg aatgcacaga ggaggtcaaa   420
gactacctcg gcgacgcagg ctattcgccc gcttatggcg ctcggccttt ggctcgcatc   480
atcgagcgcg aagttctcaa ccgtctcgct attcttatcc tccgtggaag catcgttgac   540
ggcgaggtgg ctcgtgtcat catgcgcgat ggtcgtatcg acgtcctgcc gaaccatgag   600
atccggttg acgaagatca agacatgctc gatagtgaag atgaagccat agccgagatg   650
gaagacggca gtggtgacat ggatctctac gagtaaattt actaaaaaaa aggggattaa   720
tcagcaaaaa aaatcanagg ggatgtgcat ttttgaagat atggagtgat gactgatgat   780
gataacatga ctttttcttc tcgcttgatt atgggtattg gcgttgttgt taatatttct   840
ttcttggaca tattatatgc actttgtaca cagcattgag ataatgtgct ttaataaata   900
gatncagctg gattnnnnnn aannannata aaaagatgaa aaaaaaaatt t   951

<210> 7189
<211> 624
<212> DNA
<213> Aspergillus oryzae

<400> 7189
gangtgtacg atataaagat accgtgtaa ttttagtct aggatattcg tacaatatca   50
agaggtaatc gtgcagcatt atgtacgcat ttttaaacca gttactactc ttattcatcg   120
ccaccaccga ggttggcacc cacctgctgt gcagatttgc cgctgcagat atcatcaaca   180
cggagaagta ggcatgcgga ctcgacagca gtcttgatgc tctggagttt cactgcttca   240
ggttcccaga cgccatattc cttcatatcc accagggcac ccgagtcacc atcaagaccc   300

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catgtggtgt ggccttcggc gtgcttggcc ctcatgcgag tcaaaacacg aatagggctg      360
gctcctgcgt tttgagccaa tgtccgggga ataacctcca tagcatcagc aacggccttg      420
taaggccatt gttgaacacc ctcgatagac ttggccaact ggcccagctt gacagaaact      480
gccatctcga tagcaccacc gccaggggac agtcgtgggt ggaagatgac attccgggcg      540
aaggccatag catcctgaag gttgcgctca acctccttga taatatcctt taaaggacca      600
cgtagaagga atgtgaaagc cttt                                           624


<210> 7190
<211> 761
<212> DNA
<213> Aspergillus oryzae


<400> 7190
catcttcatc cgtgtatcaa tctatcttcc cttcacttga attttcaag aaattaaatt        60
aacccccaac cgtcaaaatg gtcaaggctg ttgctgttct ccgtggagac tccaaaatct      120
ccggcaccgt caccttcgag caggctgacg ccaacgcccc taccactgtc tcctggaaca      180
tcaccggcca cgacgccaac gctgagcgtg ccttccatgt ccaccagttc ggtgacaaca      240
ccaacggctg cacctccgct ggccctcact tcaacccctt cggcaaggag cacggtgctc      300
ccgaggatga gaaccgccac gtcggtgact tgggcaactt caagaccgat gctgagggta      360
acgccgtcgg ctccaagcag gacaagctta ttaagctgat cggtgccgag agcgtacttg      420
gccgtactct cgtcatccac gccggtactg acgaccttgg ccgtagtgaa cacccggagt      480
ccaagaagac tggcaatgct ggtgctcgcc ccgcttgcgg tgtcattggc attgctgctt      540
aaacacatag ttctagtcaa tctaggatgt gaagtgccgg gtcagaattg gaacagtcgg      600
taaggcaaac tgggaagtat cttggtgatg ctcaaaagtt gatctggacg gatcttctat      660
gcggttcctg gaggactgat aggaggtctc tggtcctggc gaattcaatt ctagaaattg      720
tataggaatg atgacacgag ttgaatttta ttcgatatta t                        761


<210> 7191
<211> 696
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(696)
<223> n = A,T,C or G


<400> 7191
ggatgtgcac gaggggcgat atctacactg ctgttataga ctactacctc tgtccttgaa        60
accccacagc ctatcatctc ctattgtcaa aaaccccacc cattcaacat catgcagaag      120
gctgcacagc agtcttggga gctcgaaaat gccatcagcc tcatagatcc ccaacgagac      180
gccctctacc agtacgatca agaaacacac aaagccctca gcgcggagcg cccatgggcc      240
aaagacccccc actatttcaa atcgataagg atctccgctg tcgcgctact gaagatggtg      300
atgcacgcac gctcaggcgg atctctcgaa gtcatgggcc taatgcaagg ctacatcctg      360
ccagaaacct ttgtcgtaac cgatgcattt cgcctcccag tcgaaggaac agagactcga      420
gtgaacgccc aagacgaagc aaacgaatac atggtgtctt atctccaggc atgtcgggat      480
gcgggacgga tggaaaatgc agtcggctgg tatcacagtc accctggata tggttgctgg      540
ttatcnggga ttgatgtcac cacgcaagat atgcagcaac tcggcgggcc gtttgttgcc      600
gtggtcattg atccagagcg gaccatttcc gcggggaaag gtagatatcg gggccgttag      660
aaacatccct taaggaatat acgccaccca aagaag                              696


<210> 7192
<211> 632
<212> DNA
<213> Aspergillus oryzae


<400> 7192
gcactactcc atcatttccg gctggttcgg cgaccacatg ctcatgcccc caggcaagtt        60
cttcacgatg ttccacttcc tggaataccc tttctcccgc ggcttcaccc acatccggtc      120
cgccgacccg tacgatgccc ccgacttcga tgccggcttc atgaacgata agcgcgacat      180
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                                     - 2558 -

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ggccccaatg gtctggggct acatcaaatc gcgcgagacc gcccgccgca tgagcgccta   240
tgcaggcgaa gtaaccagca tgcacccaca cttcgccttt gactctgcag cccgggcatt   300
cgacctcgac ctagccacga caaaggcata cgctgggccc aatcacatca ccgccggtat   360
ccaacacgga tcatggtccc aacccctcga accaggccaa accccacag aaacctacct    420
caactccaat aagcaagaga cccgggaacc aatccaatac agcaaaaagg atatcgagca   480
tatcgagaaa tgggtccaac gccacgtcga aacaacctgg cactccctcg gaacctgcag   540
catggcaccg agagaaggta actcgatcgt caagcatggc ggtgtcgtcg atgaacgtct   600
taatgtccat ggggttaaag ggccttaagg tc                                 632


<210> 7193
<211> 690
<212> DNA
<213> Aspergillus oryzae


<400> 7193
tatttttccat tttctgtact gtgtttggat aagagacaac tttcaaaatg gctacggcag    60
tctctcaggg agccgctggc aacaacgcct tcaaggacaa ggagaagcct atggctgtgc   120
ggacgtccaa cattctggcc gctagagccg tcgccgatgc catcagaacg tctttgggac   170
ctagaggaat ggataaaatg atccaaacac ccaagggcaa cacgattatc accaacgatg   240
gaaacactat gttgaaggat atgagcgtta tgcatcccgc agcccggatg ctcgtcgacc   300
tgagtgccgc tcaagatgtt gaggctggtg acggaactac atcggttgtc gtaatcgcag   360
gaagcttgct gggtgctgca gagcgtctct tgtccaaggg catccacccc accgtcatct   420
cggagtcatt ccaaagagct gcagccgcag ccgtcgagat ccttcacaac atgtcccgcc   480
ctatcagcct ggtcgaccgt tccactttac tccaggcggc ctctacgtct cttttatcga   540
aaaatgtttt gcagaactcc cgcctccttg gccctatggc cgtcgactcg gtgctgaagg   500
tcgtggatcc taagactgct gagaacgttg acctcacgaa tattcggaat gtttagaaag   660
gttgccggcc caattgaaaa ttatgtaagt                                     690


<210> 7194
<211> 628
<212> DNA
<213> Aspergillus oryzae


<400> 7194
gaatccgatg ttgggttctc tcctacttct tgcccccttg gcgggagctg ccgtgattgg    60
gtcacgagcg acacccagc agtgccctgg atacaaggca tccaatgtcc aggaaaatga   120
tcggtctttg acggccgact tgaccctcgc aggaaaaccc tgcaacacct atggcaccga   180
tctgcataac ctcaagcttc tggtagaata ccaaactgat gagcgtcttc atgttaagat   240
atatgacgcc gaagaacgtg tataccaggt acctgaaaag gtgacccctc gagtagacag   300
tggcgatggt tctagtaaag actccgcact taaatttgaa tacgaggaag agccctttttc  360
gtttaccgtg aaaagagatg atgaagtatt gttcgacagc tctgcggaga accttatctt   420
tcagtcacaa tatctgaagc ttcgtacctg gctcccggag aacccatatt tgtatggtct   480
aggagagcat accgaccct tacgccttt tactaccaac tacacacgta ccttctggaa     540
tcgtgacgcc tatggtactt ctgcaaatag caatttgtat ggcactcatc ctgtgtacta   500
cgaccatcgc ggtgaatccg gaactcac                                       628


<210> 7195
<211> 491
<212> DNA
<213> Aspergillus oryzae


<400> 7195
gcaatcacct tatccctttg tcttttact taaaacacat ctaaacaatg gctacccca      60
aggttggaat caacggcttc ggtcgtattg gccgtatcgt cttccgtaac gctatcgcca   120
gcggtgacgt tgatgttgtt gctgtcaacg acccccttcat tgagactcac tatgctgcct   180
acatgctcaa gtatgacaga accacggtc gcttccaggg taccatcgag actacgacg     210
agggcctcat cgtcaacggc aagaagattc gcttcttcgc cgagcgtgac ccgctgcca    300
tcccctgggg ctccgctggc gctgcctaca tcgtcgagtc cactggtgtc ttcaccacca   360
ccgagaaggc ctccgctcac ttgaagggtg gcgccaagaa ggtcatcatc tctgctcctt   420
ctgctgatgc ccccatgttc gttatgggtg tcaacaacaa ggaatacaag accgacatca   480
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- 2559 -

acgtcctctc t   491

<210> 7196
<211> 681
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

<400> 7196
ctggcagccg cgcggacgag atggttgggt cagcatagtc atgccaagag aatgcatacc   60
aatgagtaat cgcaaagata ggcatttcga agcatatcaa ggtgtcctga atggcagcgg   120
cgagattgtc aggagtgtac cccgcgacac cgttggataa agctccgagc cactgcaaga   180
tggacaagaa gaaaccctgc cagtaggagg cgaagataat gagtttgacg caaaggaact   240
ttggcacggg acggaatggc gccaggtcgt tgtgaaggca aacccaaaac atcgccagcg   300
agtacaaact tatcgtgacg ctaacattat acacaatccc tgtccagagg taaccagagg   360
ttaaccctaa gtagccctct tgatagctat ctgtggcttt cataatgata gatacgatag   420
ctaaaattgg ctttagccat gtatactgca gaataccgcg cttcacggcc aggaaggtgt   480
gcgggtcgga tatatcgagc ttgggcagga aatggttcag cggccaggca tgttgtacgg   540
gaggacgacc gtgggtcatt atgatcaagg ctcgctcgcc ttcgagaaaa tngatgagta   600
actggaagaa agtgtagatg gtaaaggcct gaaggtgact cgtcagttat gttcatagct   660
gcctagctcg ccagtaatac n   681

<210> 7197
<211> 654
<212> DNA
<213> Aspergillus oryzae

<400> 7197
ccgacaacta cgaaatcccc aggctgaccg ccataagact aaattcatag ctggcaagat   60
cattcctgct atcgcgacga ccaccgcgct ggttactgga ctcgttgccc tagagttcta   120
caagattatc gacggcaagg atgacattga acagtacaag aacggctttg tgaatcttgc   180
acttccgttc ttcggtttca gtgaacccat tcctagcccc aagggcaaat accagggcaa   240
ggagggtgaa gtgaccattg atcagctttg ggatcgcttc gaggtggacg atattcctct   300
gcaggacttc ctcaagcact tctctgacaa gggtttggaa atcagcatgg tcagctcggg   360
agtgagcttg ctgtatgcca gtttctatcc tccctcgaag gtgaaggacc gtctcccatt   420
gacgatgagc aagttggtgg agcatatcag caagaagccc gttccggaac atcaaaagaa   480
tatcatcttt gaagttacgg ctgaggatac aacggaggag gatgtcgaga tcccttatgt   540
gatggtgaag ctgaggaagt aatgtgccgc atctacataa aatctggccg ctagaatatg   600
gccctatgg tacctcaagt ttataaacaa tgatatatga cttttttctt cttc   654

<210> 7198
<211> 669
<212> DNA
<213> Aspergillus oryzae

<400> 7198
ggaagactca ctaatctaaa accttttatt acccgtcaa gcatcagcta acttaccgca   60
aaactttcga gcaagcgcat caatcccaat cccagccatg tcttcagctg aggctgagcg   120
cgatccgaac cccgccgaat tggccgaccg cgagcgtgag gaaaaggagc gcaaggccaa   180
ggaagacgcc gagcatcgcg aagctgccat acaagtggtc gcacacaatc aaagacgtgg   240
acgtgacgat tcctgtgccg ggaaatctta gaggaaagga tctggatgta gttttgacta   300
ajactaagat caatgtggcg gttaaggggc aggagcctat tatcgaggga gatcttcctc   360
acccggttat acttgacgag tgctcatgga cgctggagac gacatcgaa ccgcccggaa   420
aggaggtggc cgttcatctg gacaaggtga ataatgtcga gtggtggtca catgtggtga   480
cttctgcgcc caagatcgat gtcagtagga ttacgcccga gtcatcgaag ttgagtgatc   540
tggactgtga gaccatggct atgggtgaga agatgatgta cgatcagcgc cagaaagata   600
                                        - 2560 -

```
atggtggcct gaacagcgat gagcagcgca ggatgggtca tctgaagaag ttccaagcgg    660
aacatccgt                                                            669


<210> 7199
<211> 507
<212> DNA
<213> Aspergillus oryzae

<400> 7199
gtttcccttt ccacacagat tgactgacag ctaccccgcc acaccaacag acacatctaa     60
acaatggcta cccccaaggt tggaatcaac ggcttcggtc gtattggccg tatcgtcttc    120
cgtaacgcta tcgccagcgg tgacgttgat gttgttgctg tcaacgaccc cttcattgag    180
actcactatg ctgcctacat gctcaagtat gacagcaccc acggtcgctt ccagggtacc    240
atcgagacct acgacgaggg cctcatcgtc aacggcaaga agattcgctt cttcgccgag    300
cgtgaccccg ctgccatccc ctggggctcc gctggcgctg cctacatcgt cgagtccact    360
ggtgtcttca ccaccaccga gaaggcctcc gctcacttga agggtggcgc caagaaggtc    420
atcatctctg ctccttctgc tgatgcccc atgttcgtta tgggtgtcaa caacaaggaa    480
tacaagaccg acatcaacgt cctctct                                        507


<210> 7200
<211> 677
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 7200
cgtggttcgg caattgtaca aggagggtgg catccgcagt gtcttccgtg gaagcgcaat     60
gaccctggcc cgtgatggtc ccggctcggc cgcctacttc gctgcttacg aatatatcaa    120
gcgctccctg acacccaagg atgcgaacgg caacgccacc ggccagctct ccatgcccgc    180
tgtcctggcc gccggtggtg cggctggtat tgccatgtgg attcccgttt tccccgtcga    240
caccatcaag tcgcgcttgc agagcgcccc cggcaagccc acaattggcg gaactatccg    300
cagcgtctac gccagcggtg gtttcaaggc cttcttccct ggatttggcc cggctttggc    360
cagagctgtt cccgccaacg ccgctacctt tgcgggagtt gagcttgctc acaacttcat    420
gaagaaattc tttgacgacg agtgaacgcg agttcaatcg atttagcgat atctgacaga    480
aaaagaacct cggctatggt tttgtagatt tattgttgat tttatgtctc aaatttggcg    540
ttcctgtgtt ttttgtttgt ttagatcttt gagcatttag cgcctggatt tcctgtttcc    600
agaacttaga cttgatgttt ccttgttgnc tagattggtt tctaggaata cccatggtta    660
cccgcttgtt acagctc                                                   677


<210> 7201
<211> 795
<212> DNA
<213> Aspergillus oryzae

<400> 7201
ctaatcacac tttcatcctt acttggatac ctcctttact ccttcacaat ggctcaggaa     60
cgtgctgccc cgtaagtaac ctggctgtta tcgtttttga tcctcctggg tgacctaaag    120
acgtcaaca tggactcaat cggggactga catggcaatt gactatagca ttcgtctcgg    180
ctctactgcc cccaacttcg acgctgacac ctccaacggt cccatctcct tccatgacta    240
cattggcaac agctgggcca ttcttttctc tcaccccgat gacttcaccc ccatctgcac    300
cactgagttg ggcgcttttg ccaagctcga gcccgagttc actgctcgtg gagtcaagct    360
gatggtctg agcgccaacg gcaccgactc ccaaagctc tggatcaagg atatcgatga    420
ggttaccggc tccaagctca ccttccccat cattgccgac cccgagcgca aggtcgccta    480
tgcctatgac atggttgact accaggacac caccaacgtt gactccaagg tctcgctct    540
gaccatccgc tctgtcttca tcatcgaccc caacaagaag atccgtctca tcatgtccta    600
ccctgcctct accggccgta acaccgctga ggttctccgt gttgtcgatg ctcttcagac    660
```

```
cactgacaag cacggcgtca ccacccccat caactgggct ccccggtgat gatgttgtca      720
tccccctcc tgtctccacc gaggatgctc agaagaagtt cggtgaaatc cgcgcggtca       780
agccttacct gcgtt                                                        795


<210> 7202
<211> 542
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G


<400> 7202
cttgattgca tcgcaaaccc ggacgagggg accacctgcc aaaaaggctg cgcaacccaa      60
tcttccaaaa tgccatccac atacaagagg gataagccgt gggatgtact ctggatttgg     120
tagagggtag catgactgtg aagaccaccc ggaagactta tgacccagcc gcaattctca     180
aggcccgtga tcttatcaag ctgcttgcca gaagtgtgcc tgtgcaacag gctttgaaaa     240
tcctcgagga tggcgtcgca tgtgatatca tcaaaatccg aagccaagtc cgcaacaaag     300
aacgtttcgt taagcgtcgc caacggatcc taggaccgaa cggttcgact ctcanagctc     360
tcgagctctt aacccagact tatatcctgg tgcaaggaaa cactgtctcc gcaatgggtc     420
cttataaggg tctganagaa agtgcgcaag tggtgaacga ctgcatggnc aacatccatc     480
ccatctacca catcaaggag cttatgatca aacgtgaatg gncccaggac cccacattag     540
cc                                                                      542


<210> 7203
<211> 689
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G


<400> 7203
ggcaatcgag acagtaaacg ttacattatc atttacaaaa tggatcaatg gcaaagggct      60
gctacgagat gtcgaggttc aagggatacg gggcgttgtt gatcgcaggt atgtttattg     120
gtcagaagac gacttcgacc caaaatccta ccggcatgag cacaaccccg gagacttcga     180
gatcgattct ttcaagatga gcgatgtgct agtcacggta taccagccag acaattttag     240
accgttttct gttagtatat tctcttgcga cctgccacaa ctgagaaaac aatggctgtt     300
ttatgacttc atgtcagcca atatgatgtc agggtctttt gacaattcgt tgttcactat     360
tcatccacgg cagactcaca gtttcaccgg agcacaacta gacaacgggg taggagagga     420
tggcagagcg agccattgga agaaacatag caggatacgt attgatggtc tgaatatcga     480
tcatctaaac cgcggagtac aagggccatt ttcatggatc catgaaggaa ccgtcgacat     540
cgttgccgac attatgtttc caacagataa tgatgaaagc ctaaccaagg taatggctga     600
catttatgat cgactagaag caactgtcac atctactcat taccgngatg cattattgga     660
aaactcagct cagcctggtg aaacttcta                                        689


<210> 7204
<211> 837
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(837)
<223> n = A,T,C or G
```

<400> 7204

```
gattgttcct gttagtcttc tcagcctcac ctcgaccgcc ttccagaacc accggcttgc    60
tcgtcttttt ttccctcccc aaaagcccat catcttcaat catcatctta gttacttact   120
tctactacta gtaccagtta ccttgttcgg gggaggggat tccgcaacaa tttattgtcc   180
ccactccttt ttaggctgct gtcaataata aaacatctcc ctgttcagcc cttccatcct   240
cagtgattta ctacagctgg ccgggtacct gaaagtccaa agctccgacc aagggcatat   300
cagcgcccac cctccactca ggtcgcgttc cttatacccc ttcggtcagc gccccgtgtt   360
atcttgacga agggattccg aagcgtcagc ccacgtagaa aatggcccaa caacaaaatg   420
acaatgtgat gcgaaggaag ttggtgatta tcggagatgg tgcctgtggg aaaactagtt   480
tgctgagtgt cttcaccctc ggttattttc cgactcatta tgtccccacg gttttcgaga   540
attatgtgac ggattgcaga gttgatggcc ggtcggtaca attagcatta tgggatacgg   600
ctggtcaaga agactacgaa cggttgcgtc cactagcata ttccaaagcg catgtgattc   660
tgatcgggtt ctcggtggat actccggatt ccttggagaa cgtcaagcac aagtggatcg   720
aggaggccaa tgagcggtgc ccaggtgtgc cgataatcct agttggctta nagaaagatc   780
tccgggaaga ccctctcgcg attgaggaga tgagaaagaa gtccctaaaa ttcgtca      837
```

<210> 7205
<211> 572
<212> DNA
<213> Aspergillus oryzae

<400> 7205

```
gaccttaccc acaaccccga attcacgact tgcgagttct actgggctta cgccgatgtc    60
tacgatgtca tgaacctgac tgaagagctg gtctccggcc tggtgaagca cgtcaccggc   120
ggttacgaga ccgttttcca tacccagact ggcgaggagt acaacgtcaa ctggaaggcc   180
ccctggcgcc gcgtggagat gatcccggcc ctcgaggagg ccactggtga gaagttcccg   240
ccaggtgacc agctgcacac cgctgagacg ggtgaattcc tcaagaaggt gctgaagaag   300
accggcgttg agtgttctcc cccattgacc aacgcccgta tgctcgataa gctggtcggc   360
gagttcatcg aggagacttg cgtcaaccca accttcatta ctggccaccc ccagatgatg   420
tcgccccttg ccaagtacca ccgccagaac gttggtcttt gcgagcgttt cgaggccttc   480
gtctgcaaga aggagatcgt caacgcctac accgagttga acgacccctt cgaccagcgt   540
ttccgtttcg aggagcaggc cctgcagaag ga                                 572
```

<210> 7206
<211> 661
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 7206

```
ggattgaatg tgttggttgc gccgacctta gtgcttatga cttaactgtg cacaagaaca    60
agaccggagc tcctcttgtt gtccgtgagc ctcgcgccga acccctcaaa attgaagaat   120
ggcaggtcga cttagacaag aagaagttcg gccctcgctt caagaaggac ggcaagactg   180
ttgcagccgc tgtcgaggct ctctcccagg aactccggga gaagttggct ctcgatctgg   240
agcagcaagg caagatcgag gtggatgtgg agggcgtcag ctcaggcaaa gttgagctcg   300
ataaggaatt gatcaagatc gagaagcgga caagggtaga gaatgtccgt gaatacacgc   360
gaacgtgat tgagccatcg tttggcattg gccgcatcct gtacagtacc ctcgaacacg   420
tgtactggtc ccgagaggga gacgaagcgc gtggtgtctt gtccttcct ccagcaattg   480
ctcctaccaa agttctcatt gtccctctct cgaaccatgc ctctttccgt cctctgtcac   540
atcgtctgat gatgaagatg cggcgcatgg gcatctccaa ccgggttgac gattccttgg   600
ctagcattgg gaagcggtac gcacgcaatg acgaaactgg cacgccgttt gttttcactg   660
n                                                                   661
```

<210> 7207
<211> 747
<212> DNA
```
```

<213> Aspergillus oryzae

<400> 7207
```
gtcgcttcat attgctaacg cggtttatct gaataggaaa ggggcaaaaa aacttataaa      60
ttatcttcag tcgatcgcct tcactttaag gaccgcactt tataacccca ctccattgtc     120
tcctcaaaac tacctcacta caaacgacaa acaattcatt ggtctacgag ctcgtgttct     180
tttacttttc tttcatattt acatccttgt aacaagagtt agagagcaac aatgtctact     240
gtcgcgcaaa aacgtctttt ccacgagtac aagaacctat ccaccaatcc gccagatggc     300
atcaccgccg gccccatcac tgaagatgac atgttccatt gggaagccct gatcgagggt     360
ccacaaggca caccctttga aggcggtgtt tttgctgccg agttgaagtt ccgaaagat      420
tatccgttga gtccgccgac gatgaagttt gtgggtggag gggtttggca tcctaacgta     480
tatcccaatg gaaccgtgtg tatctccatt cttcatcctc ccggtgatga tccgaaccac     540
tatgagcatg cgtcggagcg gtggtcaccg attcagagcg ttgagaagat tcttatctcg     600
gtcatgagta tgcttgcgga accaaatgac gagagtcctg ccaatgttga ggcggcaaag     660
atgtggagag aacggaggag cgactatgag cgcaaggttc gcgatgaggt acggaagggt     720
ttggggctgt aggagtgtgc tcctaat                                         747
```

<210> 7208
<211> 685
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

<400> 7208
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catctatcag aagctccttc cccacatccc agaggctctc cgtagtgaag atagccgcag      60
cgtccacttc cttgccttcc ctgaggtgcg tgaggagttg tttgatgaag tggttgagag     120
gcgtgtatct cggatgcaaa aggttatcga aatggcccgt gtatctcgtg agcgccgcac     180
tcttggattg aagactcctc tgaagacgct tgtcgttatc caccaagacc cgcaattcct     240
cgaggatgtg aagtctttgc aaagctacat tctcgaggaa ctaaacgtta tcgagctcat     300
cctgtcatct gacgaggaga aatacaatgt ccagtatagc gttactgctg attggccgac     360
cctcggaaag aagctgaaga aggatgccca aaaggtcaag aagtctttgc cttcgctcac     420
cagcaatgat gtgaagaagt ttgtctcaga caagaaaata cttgttgatg gtattgagct     480
tgttgaaggc gaccttatcg taagacggng tgtcaaggaa gacgcatcat ccgagggtat     540
ggagcccaac gccgatgacg atgtgttgac catcttggat gcgaacctgt acccggagct     600
ggcgcaccaa agactggngc cggaaatcat taaccgtctg cagcgtcttc gtaagaagcc     660
cgcttagttc ccactgacga tgtan                                           685
```

<210> 7209
<211> 739
<213> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 7209
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tttctatat ggagtcgtgg accaagatta cgatagccgt ctagctactt ctatcctaat      60
tgccatcaa tatatgcatc actctcgcgc ctgcatgctg taaaatacac gacttctcat     120
ggggtacgaa gggatactaa cgtgatcaac accgacctga gtgcggcgcg cataatccac     180
gggtccattg acgagtaga catgccgttg gaccaattag atgttgacag tagctacgat     240
gragcattgc gcaatctccg ggatcgagag gaggtgccg agcccccggt ctcggaaagt     300
cagctgcaag aagactacta ccgggcggtc cgtacctaca tggtctcgat ctggatggtt     360
gccaacgtga tcctcgccat ggcggtgtcc gaggtctacg gagtggactc gggcggcact     420
aacatctacc tcgccatcat cctggggtcc gtgaccggac tggcgttgat ccgtgtgatc     480
```

```
ggctcgacga cgtacgctat tttgcacgtg gtgcagaagc tggtggaagg aaaagccaag    540
ttcgacgcgg gcaatcttgc ccattggcac aggagggcga atttcaatgc cgggaacggc    600
agcacagtgc agtatggcgg cggggggcacg tttatagata agtcaccgag gcgaaatggg    660
ggatgaaanc acacgtgggg gaaagtatgg ttttggcgaa aagaatcctt tctgtgtcca    720
tgctttgctt tttgaagaa                                                 739


<210> 7210
<211> 678
<212> DNA
<213> Aspergillus oryzae


<400> 7210
ggaactgtac cccggtcaat gctctgttca ggtcatccta ttgcttcttg ccgtcgcgca     60
agtacccgtc atgctcctct tcaagccgtt gtaccttcgc tgggagcata accgtgctcg    120
tgctcatgga tacagaggtc ttggagaaca gtcaagagtt agcgcgctcg aggacgatgg    180
cgatatggat ggcggactca atgggggccg cggcagcatg gccagcgagg gtgaggggggt    240
ggctatgatt gcccaggacc ttggagagga ggagcacgaa gaattcgact tctctgaaat    300
catgatccat caggtcattc ataccattga attctgtctg aattgtattt cccacactgc    360
atcctacctg cgtctgtggg ctctttctct ggcccatcag cagctttcga tcgtttttgtg    420
gactatgact cttggaggtg ctttcgagca ggaaaacccc acccttcgtg taattatgat    480
tgtcgtcacc ttctacttgt ggttcactct gacaatcgcc attctctgtg tcatggaagg    540
aactagcgct atgcttcatt cgcttcgtct gcactgggtc gaggctatta gcaagcattt    600
catgggcgaa gggataccat ttgcttcctt tagcttctaa ggcgctcctc aaagaggatc    660
ccggtgactg atttgaac                                                  678


<210> 7211
<211> 679
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G


<400> 7211
aggaattttt tttttttttt tttttgcctt aagaacaaac tctgtttctt gtaatctccc     60
ccagccagac tgcactctgg ctactatatg tgaaacctca aaagcatgta ttatcaaacc    120
ctttatacct aatgggctta taaccatggg cctacatgcc cttgcttaat ccggtccttt    180
aaacccggga cgtttccat cgccgggttt atcgattgaa accaccaccc gtaaagcaac    240
ccgcaaaaat ggatccaccc gattagaacc ccaccaacca aggttaaacc agcaaaaata    300
tgaaccgtgt caagtggacc caatcgtgcc attgggatca ctctagatcc ttgaaacaca    360
gggagaccat tgcggtatag gggctctcaa acgcatatcg gcaatctga gtgacaacaa    420
tcagggcagg gagaaagggg gaatagact ctaaagtgta caacaaacag ggcgacaaga    480
gaaaagaatc tatgggcaca taatatcaat aataataata ctacaagtct caacagaatt    540
caataaactc ctgagagttg tcaaaataac gcaggtgaaa aatttgggta tcggttaaaa    600
aagaattgcc atcaggggta ttttacaccg gaaaaagtaa atgggggtcg ttgtggataa    660
ggaaaaattt gtcttgttt                                                 679


<210> 7212
<211> 588
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G


<400> 7212
```

```
gaatcagccg atgatactaa tgcagcacga ggtgaactcc ttagagcttc caggctgctt    60
tgggctcact tgagccaatg gccaactcga tccaagccac aactcttagg aggccgctcc   120
gttctctttg ccaacatgcc aatatgaggg cctcatatac caccaaaacc tactatttac   180
ccatcagtgc tgattttcga agagcttcac tgaaaaacaa gttggatgaa agacgtacat   240
tatcatgtaa taactcaccg tcttcacgct ctattacgac caaaatccca caagctgtgg   300
cccgaggccg agcttcgtac agcacggaag ccaccgcggc cggggagcct accattcacg   360
ccgtatttga gacgaagaca ggtacatggc aatacgtggt cgctgaccca tccactttgg   420
ctgctgtcat catcgaccca gtcttggatt atgacccagc cagccaagcc gttaccacct   480
tcgctgccga ttcactactc tcattggtca aggaaaaggg ttacaaagat cgacaggatc   540
ttggagactc atgcccatgc aaaccatntc actggagcgt cttatctn              588
```

<210> 7213
<211> 688
<212> DNA
<213> Aspergillus oryzae

<400> 7213
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gcaaatcttg gagcagcgac gtcagcttgc acaacagcac gctcggtagt tgcgtttctt    60
agtctacttt gaggattccc tgcaattcct gatgcggagc ccggaagcgc cgggcccaga   120
tgccacatca tattaccaca gccaagctac tcctatgtcc agatggccga ttctcctcga   180
ctcagccctc cttttgcttt aggattctca tacccttgca tctgaatggc tgctatattc   240
agtggcatcg tcttccattt tctttgttga cgctgtcaag tccgaatttc gcaggcaaat   300
tatttggaac agcgtccagc tatcaaattt cacgagtcca gagacgtgtg ggtctccctt   360
caaaagccaa gaaacgagtc cgggatagca atggatggaa aaacccatcg agtgcattag   420
cgtgaatcat ctccactcgg gatttgcaac ggttgaaagg gatctggtgg taaacgccgg   480
ccactacagc attctgagga tcttgtgcgg tgaagtcctg gaaagagtaa tgacctttag   540
cttcactttg acccttttag cttcaaggtt tctttcccca cactcggccg cctcgtgctc   600
aacactagtg agaaactttc ctattcattc acggtcgaga tccttcgtgg aactgattcg   660
tgtctacgtc cacacggccg atatcgtt                                       688
```

<210> 7214
<211> 650
<212> DNA
<213> Aspergillus oryzae

<400> 7214
```
aggaattttt tttttttttt tttttgcgac caagataagt atatttggtt tgctaaatgt    60
gaatatatag aggaaaatga aatgatcgta tgtgatagta taattctggg tatagtgatg   120
aaccaatttg aaggaaagga aaaagggaac caagggaaaa ttatttaaaa aaaagggggtt  180
ggattcccTT ttttccttat ccctgtaacc cccctttttc caattggttt tggccatccc   240
cagcaggtat tgcaaccggg gaaggtttgc tctaaacctg cctttggcac ggtcaaaaac   300
caggggaata tgggcacttt atccgatagt gtcccacaca tgtcggatta agcgcgttga   360
acacgagggt caatttgttg aatgttcaca attttgcagg tttttcactc gcgtctctgg   420
accaacaagg gtcaatgtta tcgaattaaa actcaatggg caccattctt ggctgctcgt   480
atagtggaac cgggactttg aactttggac gtccccaaat cgataaaaag cccctgatcc   540
gttgggggacc ggaatgatcc atggggcatt gagtatcgca cttgggaccg tttcctggga  600
aatggcgttt aaaacccctc aggggggcc ggaaacgggg gccatttgcg                650
```

<210> 7215
<211> 688
<212> DNA
<213> Aspergillus oryzae

<400> 7215
```
ccctctccca cccatcaatg ttttctaaac tgcgcggctc gctctctaag ggcttgccgc    60
gtgctgggga gaaagctgca gcatattact gccgtcctg cgcaacacgg agacggaccc     120
tgtccacgcg tcggaacggc atcgtttctc cccggctaga agctaaacgt ctctctcttt    180
tctcctctcg tcccatcact acatcgtctg tgattcacgc ccgacatgtg ccaccgcgct    240
tgagggagct atatgaggcg ctgaataaga ttcaaggtgt ggccacggag caggtgaata    300
tcagccgatt gcagcttgct ttgcgcggat tggagagtga aacacccata atccgtgttg    360
```

- 2566 -

```
ctgttctcgg tcttaacgat gcgactgccg cgcggaagct tgtgcgcttg ttactcgccg      420
atccattaaa tacaagggag agctgggagg atgcactgga tgcctacgac tctgatccta      480
cacagggctt gctgattcga tacggcgaag tatcagagtc cattccgaac aacctttctc      540
ctactatctc cgtgccctcc cctatcctta agaaaggcaa ccttgaaatc ctaatgtcta      600
ccttaggtgc tgagacagag ttatcggatg ccccatttac gggagataca ttccttgtcc      660
cacagtggag aatccgactt cacattcc                                         688


<210> 7216
<211> 616
<212> DNA
<213> Aspergillus oryzae


<400> 7216
caactgcctc tttcctccct ccctccctac aacaggacct cccctacaca attcaaaaaa       60
ggggcaagat cacaattccc acattcctcc ctcattgacg cgcaataagc caaaccaacc      120
tcgctcaatt cgccttctgg ttctgtggct ggccggaaat ccggggaaag cttgtaaact      180
tcgggcactc cctctcccga cttacttctt ctttcttgag tttttttttc ttgtttactg      240
ggttgatttt actttttagg cccggtgaaa aaggttgtat attatatggt tctctttttt      300
attttcgttt cttgacgttc gttttttgag tgttgttttg ggggtttac tatcgttatc      360
catgacggtg cttatctgga cctgatcttt tgctctcatg aagcgagtac aggtactaac      420
atagcttttg caccatgtcg gactctgtgg atcgagtctt cgtccacgcc ctcaacaccg      480
ttaaacgcat cccccgaacc ggtaccgccc ggccacccgc ctccgagcga ttgaagctct      540
atggcttgta caaacaaagc atggaaggcg acgtggaggg ggtaatggac cgaccggtcg      600
ggattacaac ggacgt                                                      616


<210> 7217
<211> 655
<212> DNA
<213> Aspergillus oryzae


<400> 7217
cggaagagag ataggatatg cagacattaa tgtccttgag gaagaattcc gccaaacgga       60
agcccgtgct caactagacg aagaaagaca agaactggac gactacattg caaaagtgtt      120
caatccgcgt ggatgaacgc ctgcataaag agatttctgc actccataca gaatacgact      180
cagagcatgg ctagcttgat gatgagaatg ataatatcaa caactcaatg acaaaccaat      240
agaatttgtc tcacactagt ctcacactat gtgggatgta ccatgggatc taacgctcgc      300
ttgcagctcg ctctcaaaat cgttcaggaa tatctctagc cagtgaagat cgacgaaaga      360
aagcctctag attgcatcga agattcattg gagattcagt agctctctag caactggatc      420
gggagtttga agagatggat attcgaaaca gtttaaaaac gggaagagac cgcgatgaga      480
tggcgagcat gattctagga ttcaattcac gatgggatga tgcacggact gggacataac      540
cagaatcttc tcgacgatgt ttctgcgaat atggtcaaga tcaatgccgc aaccaatcga      600
tcatccacct taatcgaatc tgacatgcaa caaatcttga gaattgtgta taccg           655


<210> 7218
<211> 684
<212> DNA
<213> Aspergillus oryzae


<400> 7218
cgtacgccag gacagcaacg gtgttcagtg gatcgctttc gagtactctt gggaccgtgt       60
gaagatggaa tacaccattc gttgtgatgt tgaatccggt gacgtggata gcttagcca      120
agagttcaag acggagaatt gcgtgtatcc ccgagcctgc tgcagtaagg accaatacag      180
aggtaacaga ctactctacg aaactgaatg ttatgctgtt ggatgggctt tggcatagct      240
taacccagca ttgaggggaa agcggagctt gattcaacgt gcggttgaca gctggaggaa      300
tagcaatcaa gatccacgac tcttaagcag gcgtgtgaga aggatggcca agataaatag      360
atggaaggg ctgccagcac aaccaccttg ctcatatggc cactgctacc acctgttgaa      420
cccggtgttc ctggcgctag cctgacagct tccagtccac ggtcgtaatt gggttctcta      480
gccatgggcc ctccgcaact gcataaccac catgcttcac ccgaggggaa tacgatgtat      540
gaggaagtta acgggatgtt ccaccaatat gattcgtttt tccccctttt ttaagaatga      600
taaatggggg ggttggctta atatcatgtt cctccatttt tatttataag ccccgggcgg      660
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gaggattcct ttttgaacaa aggg   684

<210> 7219
<211> 688
<212> DNA
<213> Aspergillus oryzae

<400> 7219
ccccgtccca tcctcgtcac agcaaagcat caagaacagc tcgaacagct gctcaacgct   60
ttagtcaccg ccatcgtgga tattgtaaaa cggtggtgga cggatctgga tgcccgattc   120
cccgagcgca tgcctctaac acgagatgaa gaagatctgc tgcggtggct cgagcaccaa   180
cattcccata acggggtgcc ctacgaggct cgtctgggct cttggagacc ggactttctg   240
gttggggact acagcggtgg accctcgacg gaaacctacc gtctcacaga gattaatgca   300
cgttttttgtt tcaacgggtt tatgcaccaa gcatacggac aagaaggcct gagcgacctt   360
ggtgcgggga ggaatggcct catccatgcg accgattctt caaagatcct agatgggctg   420
ctcagtctct tcaatcctga ccgcccattg cacctgctca agggtgaaga gccgggaatc   480
gatatccaca tgtttatcga cttcgtgtat cgtcacattg gaatcaagcc cnggctgatc   540
acccctgcag atcttcggtt aaattccgaa cccaaaagt aaaatgggtc taagcctctg   600
ttgtttgggt aaaagatcaa cagaatgctt cgcttataaa tggataccct tttcctgtta   660
ccactaaagg ggagggtgtg gaaaaagc   688

<210> 7220
<211> 622
<212> DNA
<213> Aspergillus oryzae

<400> 7220
caaactttcc agcgcgacat ctaccagcag aggggaattc tcagcgcaac aattgcacca   60
gactattgat caatatgacg agtacagctc cgacggaatc ccaaaaattc ctctccacca   120
caggggggga ctatcaccta tcaatgatac ctttgaattg acggcatcag atagtctaga   180
gacaaatgaa tacgttatgt aaataccaca aataattggc atcgtatatg cctcagcgat   240
acgtgtcatg atcgtgaacc cgcgatgcta taaaaacagg tgagaataga caaacactca   300
gaacacgccg gtgacatgac cacgtgatat atttataaca gaaacatctg acacgatagt   360
cttgtatacg atgtacttat gatacacacg atattcgtaa ctttgtcgac acaagtctca   420
tgacaatgat atatcgacat gccgagagat aagagtgtcg atcacgatat aatatcgtga   480
tgaagtgttc tcatcatgcc agcgaataga catctcctca ttagaaatcc ttatagttga   540
catatcttcg tatgcaatcg tgatcatgtc gaatacttga tggagatgac gttaattata   600
atttcatcat cgctgcatgt cc   622

<210> 7221
<211> 628
<212> DNA
<213> Aspergillus oryzae

<400> 7221
agatcgatgg ttcgtatcta cacaagcggt cagtgaatgt ggttgacaac gatccttttg   60
caatgagcgt ctacacgctc aaggaattga tctggaggga atggggacaa gattgggaac   120
cgcgaccatc atcgacgagc tacattcgac tgaactcgtt tggtaaattg ctcgacgata   180
aagcgcctct cacagactcc aaattcagcc gtgaagcccc taatgtggtg cacatgacag   240
tcaaacctca ggaacttgtc gatgaggatg acgcaaaagg tcctagacca cagtacccgc   300
gcgaacgtgt agccagtgga cgcagaccgg ggtgacgttg tataaaccaa caggctcatt   360
ggctcctgct tatgaacata ccgatcatcg aggttgtatc cttatccagc tctcgacgta   420
accggttctt ccggttctga cagtgcacgt ccgtggtctg ttgactatca cacgatgtct   480
tgtctagctg ggatactctt ggtggccatg tgctcagtac gtcgcataat gccagccgtc   540
tatcctgcgt ttggaatgct ctccatgtac atgtgagcgc tttggcacgg caatcggaca   600
gtgcccttga tgtcggatat ctacgttg   628

<210> 7222
<211> 303
<212> DNA

- 2568 -

<213> Aspergillus oryzae

<400> 7222
ttcgctgtct accgcatttg gtggtcgttc tggttcaact tcacctactt caccttctct   60
tcttcatagc ttttctattt ttcatattct ttgattatct ttatccccat ctatcgatcc   120
catagcgtcc tgcgattcgc cgtgttgaat atcgatctat cttccctctg ctttttgtcg   180
gatttgcaga tacccgtcta cgttgctttt cccaccgcca acaacaaccc acctcctcat   240
aacgccctaa ccgttctcca ttcgactgtt cgcccgccgc gcatctcttg tcactgcaat   300
tgc   303

<210> 7223
<211> 303
<212> DNA
<213> Aspergillus oryzae

<400> 7223
aaactccaga atcactcagt ttacatacgt cggctagccg tcttcaccgc aacatctggt   60
tatcgcaagt tacttcgcta ctacgtaatc agcatacccg tgcccctcct ggccttcctg   120
ccttgagttg ttcggtattt ccagcacttc tatcgcaaca aacaggccca gggagtcaag   180
acattaatag gtatctaaga tggccgatgt ggagatgaaa gaagcgtctg ctggtgcttc   240
agccaaggga aagggagcat ctaaggcctc cgaaggtgcg agtgatggca aaaagaagtt   300
cga   303

<210> 7224
<211> 673
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 7224
cgtctcacgt ccgattccca aacgtccgat tcacctctcc cttcaccagg gcgtacgatt   60
ggtactgcgc gatctgcggt gttagcttca ccggcatgca catcgagtcc ccgtcggaaa   120
ccgcgatcga acgacgaaga ctgtggattg agaagagatg tcgggcgctc gaggccggcc   180
aggacatcag ccaaattcct accgaagaaa atgatgcccc cgtgcgcagc tacgaccctc   240
gtttagtcga caccgataac atctcctggc tctacaaggc atactgcctg ggatcgaatc   300
ctccctccgg tacttcgaag acgaacaaag cgttattgc tggtccggga tattatgcgg   360
atattggaga actagtggtg aaaccccgca atgatcaata tcagccgtcg tcccggaaaa   420
ccttcatgtg ttatgactag ggaacctgag acgcagccgg cccagtcctt ccattccatt   480
ggagctgttt cgaaatcttg acccgagtcc tcacgggttc caccgagatc agccgtgtca   540
acctcaaacg ctcttacggt gtcatgtccg gtttgaccaa ccattcctcg ttgcatctga   600
actacggaaa cgatatttca cggtcgcaag gcccgtactg ggaatgcatt cctggtgcan   660
agtactgtgc cca   673

<210> 7225
<211> 712
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

<400> 7225
gtgtatgccg ccctcgagtc ttggtcttct tttcgtttct ccctcgcatc tgttggctat   60
ttgcacgagt gtttcgcaca ctggtctgga ttgtggctga ctgctttcct tcggatactt   120

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cagatcgttg tcgctgtcct ggtgctttct gagacgttgt aaagcgaagg aggaccggtc    180
aacaagcaga gcactcgcgt caggagtcac attaccttct acctcaagta gcttctgttt    240
tcactcttcc ttccgggacc gcggtagaag tttctcttca caccacatcg gtgtttctgc    300
gaaattgatt gtttcccact gccggtttcc ttgcaatgcc tcttcgatct cttaacttct    360
tccagcaaca acccacttca actcgctttc catcgttatt gaactttgag tcagggttgc    420
gatcaccttc ttatgcgaaa ttaataatac tctacctatt gcctccttag tctcncgata    480
aagccgtaaa gtaaataat attctgattt gtctaattca acgtattctt atgtaaccaa     540
tgttacacta attgctacat atgccatcga tctctaatac cgttccctac cttattatga    600
aggtgatggt agcaacgtcg aaccttaacc aatagcccta ccgtgttatc atactcattt    660
gtaatgtatt ctctctcttt aacgttatgc cttcctataa gtgatgtcac gg            712


<210> 7226
<211> 672
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 7226
cagtcctctg gcaatctctt gtaaagtaat aacgagaagc ataccagtcc tcccacaacg    60
agcaggttgc taacaccaaa tcctgaagct tcgcgttcca tcaaatcgaa aagaagagaa    120
agctctctac ttttcatgga gtcacgagat tgacgattgt tagcctgatc gcctgcgtct    180
tgtccgctca gccagctgca ccgaggagaa tctgagcggt ccactttata tatatgttct    240
gcctttatcc cacccgcaca atcacctcac cttgtcgttg atattgcaaa cggacattgc    300
ttcaacgacc gaggccatca tgatttaaac gaactataaa tgactcgagc atacagattc    360
agccaagcgt caaaagggga acatctacaa ccaatgataa tcaccaaaga tggctcttgc    420
ttttctaatc tcacattact tacacaacct acattnttgt ttgaactttc tcccacacta    480
gcccgtcctt gttttaaacg acagctatct tttggtcgta ctcaatgcan ggaagggctc    540
tcgtatgctt ctatcggnta tgacatgact tgcacatacc tatttcctac cggctggcta    600
aatcgtggtc tggtccccct tttttctcaa ccttcgccgg tttctctctt tgtctggttt    660
caatcgcgcc gc                                                        672


<210> 7227
<211> 304
<212> DNA
<213> Aspergillus oryzae

<400> 7227
ccgtcgctct gaacccgagc tgatcgtcaa gccaccgtgc gtcgggctga atcagtcgcg     60
ccaagacgac gcgatagcct cctcactggg tctattaaca cgtcactgtt cagctactat    120
tattacctac tcgtctagcc gccccaaagt atcgctagga aactttccgc ttcgggcatt    180
gagcttatcg cggggttata attgtgggat tgttcaaggc gaaaggcgtt ttgctttatt    240
aggctgcacg ttgatgtata ggggtcaggt ggtgattgac tatttgagtc ttcgtccctc    300
gtgt                                                                 304


<210> 7228
<211> 683
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G

<400> 7228
cttcaaattc atttcgcttt tcattctcct tccttcttta tccttttttt gattcctctt     50
```

- 2570 -

```
aaccctacat atactctcca ctttctagaa ctccatctat cactatggaa gcgcttgtgg      120
cccaggccat caaggacacc gcgacctttc ggaagacgtc ggtgccatgg accttggacg      180
agccttatac ccagacttac tatggttttg accccgcaac atctacctgg gtctccaagt      240
cgccatccgc cctcggaagc tcgagtaaga atgataatga tagtctagcc accacagcta      300
ttgcactcta tacatggaat atcgacttca tggttccctt cgctgcagcc cgcatgcgac      360
cagcgcttgc acatctgtac caactcacgc gccttctccc tctacatgtc gcccctgtta      420
tctttctcca agaatgcacc ccttctgact tggaaacaat tgctgcgact ccgtgggtgc      480
aagccaattt ccatcttaca gatattgaca ccaccaattg ggccaccacg cagtatggca      540
cgaccgtcct tgtcggcaag catctgccta ttacgtcggt ttttcgggtt cactactccc      600
acacgcgcat ggatcgcgat gccctttttt gtgacgtttc tactgagctt gangagaagc      660
gaatccgnct ctgcaacacg cac                                              683


<210> 7229
<211> 304
<212> DNA
<213> Aspergillus oryzae


<400> 7229
cctgttcgat gatgatgacg atgacgtctc cgaggtcact gagatggctg caggcgtgtc       60
gttgaactca tctgccgatc gctcgactca gagcatgccg ccttccccaa ctcgcaatgg      120
tcatcttcag cagtcgcccc acagaacccg ttctgatccg aagatcgcta caatcagcgg      180
cgatgccccc gaggcgaaat tgaccaacaa agagaagtac ctacagctct tcaagctcag      240
ggaagaggac ggcgagtata tccaagacgt cactgagatg acccgggtcc ccatcatcct      300
gaag                                                                   304


<210> 7230
<211> 686
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G


<400> 7230
catttccact tctctctctc taccttcaat ttccacactt cccaacacaa gtcacaatga       60
agacctctac cgtcatcggt ttcttggcaa tgctctccag ccaagcactt gccctggagc      120
ttgagggaac gtacacagtc gcgtcagcgg gaaccgagct ttatctggaa gacgcatctg      180
ggcaaattat cttcgaggag ggagatcctc aggcatggtt cttcattgaa gcagagacgg      240
accgatatgc gatcgtgaac ggcgtaacga accagtacat ccattgcggg tcaactgagg      300
gtgccatttg cgaggcctcc gatgtcgcgc agcttttcca gatagacaac atttccgaca      360
atgtctacac tttcctggaa cccgagagcc agttgctttt gcatcgtact acggataacc      420
agctggatct ttcgcttcct accccacca acgatgagag ctttgagttg actcaggctt      480
catcttaaaa tattgaacat accctagcca agggccgaga atgaaggagc gttgataccc      540
gaacgtgagc ttggtggctg tgctgcgact agaattactc tgcaagaact tcaacttgtt      600
cagagtaatc taactaggtt aatcaagccg ttacacttta tagatagtgc acgtattcgg      660
aatttccgga tacataantn gactat                                           686


<210> 7231
<211> 682
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G


<400> 7231
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gcacgacgag accgactacg gcggagagag aatcatatgt cagactttgt ccaccgaact        60
atgtgtgaac acgacacgcc gaagcgacgc gatgttcgtt tgatctcgac ctttgaacct       120
aatttaacga cctgaatccg ctacacggca tcccctttac tgattggtag ggcttttctt       180
catctgttgt tcgcgttatt gacgtgcagt tcttcaacac atgtccatat cgtcattgac       240
gttccgtcgt aaacggaaac ccaatagaaa ggaggggctg cccttactat cgtgacatgt       300
ggtcgatctc atcaaaaact tttgttttgc gttcatcgca tttgtacaaa cttacaaggg       360
gctggtacat ttctacggga cacatagctt agccatcgat tgtccaggga gacatgcttt       420
cacgacacta tcgttatcgg atcctcacga tcgcagacag cacggctact agtccacgta       480
aatttaacgg aagctatatg cgtcgtgccg ttggtgccac gcagtctatc tactaccatg       540
caacttatcc ggaaatgccc aggtctggtc aaagttataa ttctgaacgc ctattatcca       600
gtcaatggca aagatttctc caattaacgg cgtcgtgtta ccccttcttt catcgctagc       660
tccgaaaagg ctggntagat tn                                                 682
```

<210> 7232
<211> 653
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

<400> 7232
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tgccttcgct aaaccgattc acaacctcga ggagcgcgct gatgttgcgg atgtcttgaa        60
atgtgccggc gataccgtgc agaaagggct cagcgtagcg ttggataatg tttctcagtc       120
aaatatcaaa ctggagggge tggacgggtt aatatcatgc atcaccaacg ctgctgccga       180
ggtcaccgat attgcgacta ttactcagga tccgttagga tggctgcact cttttggactg      240
cacggaacaa ttcttgggag gcgcggaggg cctggcagaa ttagggcata acgtgcagca       300
agtggaaaac cttctctccg tggtcgcggc gcagactgtg ggaggtatag tcaaatgtgg       360
ttcttctaag agcatttgat ttggattgtg gctgattttt gatccttgtt ggttttgtc       420
tgcggggagg aatgctggat caagggttat ctataataat tcgaatcttt tcattggagg       480
tttcctgtct ggttttggga ctcgtttgtc gttatatact taccctttt tttctccttt       540
ntgctgtcct ttatccttcg ccatgtatat cttggtcctc cactttgtgg tcattttgta       600
tagaatgggc cntctacccg aattgaatat ccatgcagtc tttatgtttg gag             653
```

<210> 7233
<211> 583
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 7233
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cgaggccatc ccctccgaac ttaccggatt ctagaaagag ggttgatcgt ggggaaacaa        60
ccgattccct gcatcttgtc taacatttac ccacccttc ccttttctcg agggcataca       120
ttgcataacc gcttgtcctc cgctgcaact ttctcccgaa tatatcagcg gctacttata      180
aacaccaaa gcccccttc tgaacaagtc ttcactatgt cttgtggtcc ttgcgccgtc       240
ctctctcact aaattgccgc tctccggcga attgatggca cacaactggt ttcgcaaact      300
ggtgcgcgac tgttgcgaaa agccgttgaa atagtgaatg actgatctgg tcacctggaa      360
atcaaattaa atcttgtcaa cgcaacccaa cggaccttga ggagacctg accactattg       420
ccaccaagtc cgcagtcttc ctactgcagt ttgactcttt tacttctttc gccttctccg      480
attttgntn graсttctgc agctttgcg ctggctctag aagcaggatc ttcttgaggc        540
gttaagcggg gctaattcat catctatcta cttattgatc ttc                        583
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<210> 7234
<211> 149

- 2572 -

<212> DNA
<213> Aspergillus oryzae

<400> 7234
gcctttaaag aggggagtaa gcaatatctc tagtcctatt gaatacgatc tgcccgtatt   60
taaaggctca cctagaagga ggacatatag cacacgggca gatcgtattc aataggacta   120
gagatattga ataacattta catcaagcg   149

<210> 7235
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 7235
cttgaactgc tctgtagagt taacggtcca gaatcggcgt ctatgcggaa aacgctcgga   60
accgtattta ccgctgacgt acatgataac gtgctataga tactgctagc ctagataggg   120
tctcggaggg ccaccatgcg cgcattgtcg cgcatgctag cgttggtgaa tgggtactcg   180
cggaccccaa agtattcacg gcctgttacg cgaaggctgg cttcgttgca agagcctgct   240
actgtgccac ctgctccgga accagccgac gcattccctg cctgcacggt catggtgggt   300
atggaaacag gggagtctgc naagatgctc gactgctatg agaatgcctt gcatcatctg   360
cagcagctta atggacgcca gatggtccta gatctggtat agtgatcgca cctcggaagc   420
tatgcaagca ttcttactat ggacgctagc ctctagctgg agatatctca ggtcagaacg   480
gagatacgga gaataccagt gctccatggt ggtcaccggg agatggccac atggaggcga   540
gacgactcac ggaagagcag cgcatgggac tgcttatcca gatcgtgcgt atgctcggga   600
caattggaat catgcncgac aagctgcaag aagtgggaca tgattcttaa gacaactgat   660
acctaactca ctgatggatg ccttaaa   687

<210> 7236
<211> 660
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 7236
tcatattgta cgactcattt ctcttcgttt ttttatgatt ctagacgtcc caaactatgt   60
ctttatctac atcgtatacc tgctcattct gtgggtacct gttgcacaac actcgtgcac   120
ttgctacttt tgccgatgat tttcattgta gccagtgcgg cttgtcggta tccgaaggta   180
atctgcaaat gcaagaagac ctcgtggcac tcttctccag gcagatgcgg atggatatac   240
caatatcgtc tggcagtcag gaaatgccat cgtccactca tgttccggtc gcgcacagta   300
tctcccaaca ttatcatcac tcctctcatg tggctcgctg cacatttcca acaagatcgc   360
cgaagcatga tgagtccttg ggccatagcg tgactcttaa ctcagcacat gaaatgctga   420
ggttacagaa cataacccta tcataactta cttcacaca attaccgtta tttgagaatg   480
ctatgccgga acaaccacta cgcttgaatc aaatctggca aatctttcca gaagtttaaa   540
aatgccttcc ccaactcaag gattaaagcg ggtggaatca accaaacttc caactgtggt   600
gtaaatcttt ttggggggac aaccggtcaa taaagggggg tgaaaaccaa ttaactttn   660

<210> 7237
<211> 648
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(648)
<223> n = A,T,C or G

<400> 7237
ctccattcct aaaacagccg tgttgttgac catccttact tcgtcctttg caaaatctca   60
gagggttaca atcagtcaaa aataacacgt gactgataat gtcgctgatc actgacgaag   120
tcctcaaggg tctctgggat agagctcagg cgcaatcttc agacgaatgg gcctccgcca   180
agttatggtc ttatttatgg aacaaacacc tttttgcgga gaaggaatgg gttgtctcct   240
ctgagactcc tccggagggg cgtggccgtc gacgggtgga tataacgata gaatattttg   300
gcggagatag taaattagcg gttctcgcct ttcacgaggc aaaggcattg aatgcggggc   360
ctcaagatgt ccaagatgcc gagcaccaag cattcgacgc ttgtatgaga tatctcggag   420
aacatcctga gctgncattt gtgtatgctt tcacatcatt tggcacaaaa ggcagagcat   480
ggcggtgcgc tcgagaggga tattaccttt tccctttgtt cggcttagat gaccttgctg   540
agcgtactca ggtacgtgag ttacacttct tagaagccct attattcana aaggccgtcc   600
aaatgatgaa ggctgtgccg catctgaata ggactatgaa gccttatg   648

<210> 7238
<211> 616
<212> DNA
<213> Aspergillus oryzae

<400> 7238
aacgtctttg aatattggaa aagaacgcct agtttgccat gtctgccgtt ctactgttct   60
gcacttcaaa agtccgcgcg ggcgttcgta ctcccataca agattccgag accagttact   120
aaatatttcc agtctagtcc gcaccccaga ccaggaagcc ttagacgaat ggaatactca   180
aaccccgtc caagacttcg acaccggctt tgaagggaaa agcgacgccg agctgcgcag   240
attcttccaa gaccgcctcg ataagcacac tgatacccag acaacgagta tttctgactc   300
atggcttgcg gtgctggacg ataaatcgcc ctcagagaac gcagtggtcc tacactatac   360
atacgacaaa tcgagctggg gaccaggccc gattcctggg ccggcggagg taatggatga   420
tgtgatctgg tggaagtgga gggtgccatt caagtcagcc tggacattct ggaatgcgat   480
tggaagcgct ggggccgatg ccattgaaat ctattcaagg cccgagtata ccagctcgga   540
tggtgttcta cagacagaga ttccagagaa gatcattaat ggggagattg aggatccaca   600
tgcttagcgg cttctt   616

<210> 7239
<211> 694
<212> DNA
<213> Aspergillus oryzae

<400> 7239
tctgccgaaa ctttcaagca gttcataacc tctggtaacc tccgaataac gatcaccagc   60
caatgaaaca tggtttagac agtgactggt taatgaaaca tcggagtaat ggtatggaga   120
atcttgctat catgcaggag gcgtgggcct ggtcagcaga cccgcgccct gtcataatca   180
aaccccgggt atggctggac gactagacca atcagtacga aaagcttgct ccaccatggc   240
ggatgtctcc agggaagttt gtcgcattac tccggagtaa tgcattgcac tgatgttctg   300
gtgactacga atggcctcac tcggaacttt cgctctattc caaaagccga ggccgattag   360
tattgtctct ccattgggtc cttaaagagg catctccact gcagatcgac aagggccata   420
gagccgagtc aatagagga cttcaatgtt gggctccggg cacttttct gggaccctct   480
tggtgttct gttgctttc aaggctagtg aatggcggtt ccactgac aattgtccag   540
tgtcggaaag ccagctttcg aaagccgtct tttgtttcac ttcatttatt gagatgtccg   600
gagcatante gtcaggaa gatgcaaatt gttgtacctt tattaatgtc tgcaaatgac   660
gggaagttgg ctgatcatgt ttggttgacc cttt   694

<213> 7240
<211> 216
<212> DNA
<213> Aspergillus oryzae

<400> 7240
```
cccatactct ggctggtttt accgaacgtg cgtagatcat cggtgatgga actcggccat          60
cccaggctgg ataacgaggt gttgttgcca gcatctttcg ttaacgcttc tgtcgcattg         120
aaggagaaca gtagtgacgg gtgtgagcat ccggttaggt ttcgattttc tgcatgcagg         180
aatccctcac agtaagacat gacatatatc gagtag                                    216
```

<210> 7241
<211> 98
<212> DNA
<213> Aspergillus oryzae

<400> 7241
```
cggggggaacc aagaggcccg gcccttcttt aaggattttt ccaaacattt gggcccaaaa          60
acaaaggggа agcttgcgtg caactggtcc cgagaaaa                                   98
```

<210> 7242
<211> 246
<212> DNA
<213> Aspergillus oryzae

<400> 7242
```
ctgcaatacc taccaaagat tgtgatcacc ctcttgatca ttccccatac tcgtccctat          60
cgcaactatg tcggccgaac tcacaaaagt cgattctgcc attgctggct tgtcaataac         120
tcctaagggg gagaaagagg ccgacaagac ggcaaaaaag actcacaggc gccactcatc         180
tcagtcggag ggcgtctgga acatcaagga cttggaggag aagaagatag agttgactct         240
ccccat                                                                     246
```

<210> 7243
<211> 629
<212> DNA
<213> Aspergillus oryzae

<400> 7243
```
gcatgtgctt atacaaccaa cctccagcaa tcaagagata caatcgggga atcacgtcca          60
ggacggccac atacttccac aagattatca tcactcccca caagtagaac actgtccaca         120
ttgaccatga tcacagtgtc atcacgcatc attgggacaa aattcgagtc aatctccatc         180
acatgggtgt cgtccgtaag agtacaacaa ccaaggatca cctatctcaa cacggcttca         240
tcaatttgag aacgcagtac cagcgtaacc atcatcactg tctccagata tgttagatct         300
atccacagtc tagacatgca tcaagcaact cagggataaa tccgttgaat cagtctaact         360
gcgcccggtc ttcatagtgc gtctcgcgcg acaccagtta tacattgctg ttcataccac         420
tcatctcata ccgattccag agacgatctg ccaatgtctc agtcattaca ccacggatgt         480
cacaatgtcc atggacatta atcagccatc tcagtcacga tttcgcgcta tcaagtgtct         540
gcacctccga aacaatactg atctgcattc tcaacatatc tcgcttgacc ctgagctatc         600
accaggctca acatctacac tgagggtcg                                            629
```

<210> 7244
<211> 695
<212> DNA
<213> Aspergillus oryzae

<400> 7244
```
ccgagcccag gtcccgattt ggctcgaggg atttctggat actcaccact ttatgagttc          60
tgcagacatc agaatggttc gagagcgtat gataccgcac gatcgtaccg actatagcct         120
ttagaaaagt ggccagattc ccatgtccac gctctctgga gcatgggcca tgaccagagc         180
agtgggacat ctacgtcata gaggattttt acgcaacgca cagttccccg cccaacgtgt         240
tcgtggtgac cttctcgcgt tctatcggct attccgcaca atgctgagag actcgaggca         300
aagctctct tgagaggatg atgcccgacc tctcattccc atacattgta tcgcctatct         360
gtatgggagc accaatatag tgcgagattt agctgcgaca gccacgcgat cagattcggc         420
catacagcgt atgaatcagc ttcgggccac ttggcaccgg gtcgaaccaa atgtgcttcg         480
tttaagatta gcacaaagtt tcatttatca agcttcatcc cgggttgcct gggttcccca         540
```

```
gcggtgcctt gacatcgtct ttccagttat cggccaaaag ccccgggggaa cccccgcacc    600
tgtaggcggt tgtaaagggc aaattcaggg tctgtattct tggtctcctc ccgcacggct    660
cggcgcacat catcccttaa aaagggaact ggaca                               695
```

<210> 7245
<211> 736
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

<400> 7245
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gcacaatcga ggtcagctac tggccgagca aggctttcat gcattatcca caaataaccc     60
cagcgaccgg gcctttctcc gcctttgcgc aatgggtaga gtagcggata aacatttagc    120
ggaactgttt gagaaagcat tcacagagct cccgcaacct acacaagaag agctcattac    180
tggactgaac gtcgacgggt gcaatggcga agacgcggta atcctctact atatgcccgc    240
gatattcgca gaggctctaa gggtcacccg tactgcatca gatgtaaaga aaatccaagt    300
tcttcagagc ctcatgtcat tcatggcacg aacatacaat gatacaaagc cagttgatgg    360
acatcccggc gtcattcttg aacgtgacgt gtctggggcg aaggactata tacgaatgga    420
cggtttcatc gacgatccca ccattttgga tcaatgcgtt cctccagtag cgacgtatta    480
atgcaagcct cctgcacttt gctttgtccc gagagactcc ctaatgttaa ggttcaatca    540
gcattgatca gccgtcattc gagattaacg agaaatgaac tcatgactnt cgactattct    600
tactccaaac cttgacgatt cgaacctcgt gatctactgc cgcacggaat aaagttgttc    660
gtcaattctt attcgacttg ccttatggat atttctttaa tatgatggcg ccggacttac    720
tgtgaatgtg ggctat                                                    736
```

<210> 7246
<211> 182
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 7246
```
gctcaactgg gccggcgcag gtggacagtt ttcagtattc actgagccag tggccctgtg     60
agatagtcga ttgtgcccat aaccccccgag aggtgctaaa cgtctaccca ttgagtcata    120
cacacagcat gtagtgatat cgggaagcta tggcgtcttg cgtaaccaac ccctttgctc    180
tn                                                                   182
```

<210> 7247
<211> 691
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 7247
```
gcaaggcgtt ccctgcggag cctgttgagc gctgccgtgt tcggctgttt gagcgctcca     60
tgaccgtgac cgaggggcact ggaagccgcg aagtacacca aggctaccgg attgcagtcc    120
tcacaagccc taaggtcaag acgctcagta atgtaagcca catcattggt cataatgcac    180
caattgtgtt tggtcttctc agaggcgaag atggggcgcc ggctctcatg ctcaaggcca    240
```

- 2576 -

```
aacaagatgg caggagtcgg tccatgctaa tgacgtttca cgacgtcgag gagcgcagtg    300
ctctgcattc tctgctgctc ggaatgacaa ccaaagaagg agagattaag acacctgaca    360
tccctatccg cgcttactcc atcgaacagc ctgccgatcg attcaacggt cagccggaga    420
caacccactt acaatttcct gctgggagtg tgtcggttat tgatcaggaa cacgcctttg    480
tcgaccatca atatggccca actattctct cagaacattt acgagctttc gtggcgacag    540
aatggggatc tgtaacggac cgtatcaacc ttggtcctgg gcgagtgaag ttggtttgga    600
catcaacaac cgtacaggcc ttagtctgta ccggcctgga caacaggatc tgnaccgttc    660
catcgccgag aattcaccng ctctgagatg c                                  691


<210> 7248
<211> 668
<212> DNA
<213> Aspergillus oryzae

<400> 7248
cagatgggga cctgaacata tcattgaaac atgccgaccc ctcggaaggc ctcacggacc     60
ctttactctt ctcgaagtcg ggcctagacc actccgacct atttacacca tttgatatca    120
ctggcgctgc caaggacccg ttcgaggcat tacaacagaa tgagatgctt acagctgctt    180
acctttccca gagcgctgac ctatcagccc ttgggtactc aggaggacat ctacaggaca    240
ccggttcgat cgcgggatca gagcctcgca tccaggcttt tgcaaaactg gaattcgacg    300
atggtcattt ctactgcaac acatattcct ttattctcgg cgagatgta cgggctgccc    360
gggccgccca tcagcgcgaa ttgcaggtcc gacaggtcat gagacacacc cgcgcgaaaa    420
gttcaagtgg tggaaatacg tcgcatactc ccattcgaat gaaacatgaa ggcagcggca    480
taataggcag tgtcgtcagt gaccgtggtg gaattatggg ctttgaccct gatgttcctc    540
cacatcttcc ctctcgtata agtcggcgat cgtccaactc ttcccatgcc gagctgggag    600
ctccgatgca tgcgacgccg gctcaactac agtcgaatac aactgattac aacgctcttg    660
ctatggaa                                                           668


<210> 7249
<211> 486
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(486)
<223> n = A,T,C or G


<400> 7249
cgaggtggcc tttcaaagag ggtggatctg tctgcacctt agtactcagt gttgtaaccg     60
aggcgaattg gtggacttat ctgatcgata tatcactccc ctccatcacc tctagttcag    120
cacgcgaacg accgacggca aagtgtagcg ggttgctagg catagcaaca gggtaggcat    180
cgcgacctgc tctctataag aagcacacag tctcgttgag accgtgactt gaacaagtgt    240
aatcagcttt tcaatacagt accaaaggga agcgaaatg tcaaagatac taacgccatc    300
cctgcgtcag aggttagttg gcaaggagag caaaggatta ggcatacgaa ttgtgtcctt    360
tctagcagct atggttcgga tctgttcgcc tcgtttatca taatctcgca tatatatgaa    420
cgcatcacgt ctaannnnna nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnaaaaaaa    480
attcct                                                            486


<210> 7250
<211> 646
<212> DNA
<213> Aspergillus oryzae


<400> 7250
cgatgacrcc agctgttgcg cactcgacta acgtctagca gccataacct cctcatacaa     60
gatgcacaca ccacgcactt cgatttgcct gcgattcgtt gcggccatca gctccctgc    120
tgcgctgata gcgttcggat ggtcccagtc aatgtttgga agcgacacgg tgatggtggc    180
tgacttgggc catgaggtgg tcagtccagt caccggggcg accgaataca ccttttgtttg    240
gtcgctgata atagcatcta ttgaattatc ccttcccgtc ccgatccatc cagccatcta    300
```
- 2577 -

```
ccttactttt gacctttgcg cttgggctgc actggttagc actctgataa tatatttgac      360
actccacgag ccatattata ccggagacgg ctacggctgt gggatcaatg gtagacctga      420
ttgtgatgga aagctcgtgg cttatgtcga gcatttcggc acggccatgg cttttcttgc      480
tctcatcatc catggtgggg tttttggatg ggcgtggtcg ggcacccata aagcgccgga      540
aaagcgaatc caaagggtca agaaattgaa cttgaacgga ctgtgtgagg gtaattgaaa      600
gggttcacga catttttact aaaatatggg gggatgagaa ccggtg                     646
```

<210> 7251
<211> 424
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 7251
```
cgaggcggtt atgaaatgcg cttcggaata taccccttca gcgtttgttt ttgtgtgatt       60
gattgcttgt ttttcttatt accctatctg ttttatttca tttctccata caggcgtatg      120
acctatgtta tacctatgtg agctatattt cacagtttgg tgtttgttct ttcgatgtaa      180
ttgtttatag ggaatatcat ccctatgcat gctggcgttg gatgtctgag ggtacggacc      240
aatgatgaag tgccccatct gctggatgat ctatgctagc agttgaactg ggtctgttgt      300
ttgggattat gactacgaac ttggggtggc ttgagtagca tcgtgtggta cgagtagatg      360
tcttgtagtt ggatactgaa tacattatct cttgaccaaa aaaaaaaan aaaaaaaaa      420
aaan                                                                  424
```

<210> 7252
<211> 807
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(807)
<223> n = A,T,C or G

<400> 7252
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ccaagctctt cggtgtttat tttgattgcg ctctcccata cagttgagaa tgaggtctct       50
ctatgccttt caggaagcga attcgagggg gaggtcatga cgccgcactt ctctgttcac      120
gagagactca tctctgatag cctgggaagc tggatggatt acatggcttg gttagagtcc      180
gaatgcaagc aaaaggccga ccgactgatt gtctgggatg tcgaagaccg agataagcat      240
atgacatact tcaaggtgga agatagacaa cgtcttaagc aactgcgaga ctatataacg      300
gatttaattg tcgtccttca gactgctgtg aacactatcg gtcgcattgg aagagctgc      360
caaagacact gtaaaatgag ctgcgctgcc agagatgatt gtttctgtaa ttccatgatc      420
ggagagtttg ttgaatatga gacagaagct cgcgtttacc tggaacgggc aaaggtgtta      480
caagagcggg ttcagtcgac agagcaactg ttaaccgatc tactgagctt tgaggagact      540
cgagccttga aacaattggc acgagcatca catgtggaga caaaagcttt gaaagaactg      600
gcccagactt ctcaggaaga aagccaccac cttgccgagc ttgcaaaacg gagtgcagaa      660
tacgctgcng ctgtgaagat gctaagtctt gtggtctggg ttaccttccc accaccattg      720
nagcgaatgt cttctncact gangtcgtnn naaataatga acagggaggc atatacattt      780
cacccttgggt ttggattttg gcagtca                                        807
```

<210> 7253
<211> 434
<212> DNA
<213> Aspergillus oryzae

<400> 7253
```
cgaggcgtct tggcagctat actcacaggg gcatcactgg gactgctgtt gtactatacg       60
```
- 2578 -

```
agttccttcg ttgtggagat tttgaaccag tccctggggc taacataccc tttacctcgt     120
cacacccaag ctcacactat taaggaaccg aagagcaatg ctctggaaag aggatatagt     180
ccgctcaacg agtacctggc cggcagcggt agacaaatca gaaagagtgg gcttctgtct     240
tccacgatct tggaggagga agaatccaat caggactcaa acggagatga tatctatgac     300
tgaccaagag aggcaagaag atttgtatgt atcttagcag gcccttcgat agttaatgag     360
gggtgtttac aaaatacatc aatgtgcagt gtagaaaaaa aaaatttata aattataaaa     420
aaaaaaaaat tcct                                                       434


<210> 7254
<211> 570
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G


<400> 7254
cgaggcggcg aaacctcccc tgcaagaagt gataaaggca gtgactggat gggtgtgaca      60
acaggtacat ttgtcaaata cctcacgctc ggatacggtt catcctggag catgtctagg     120
acacccagcg cacattcccg cgttgaagcg ttgaagcgag aagacgactc agccagctcg     180
aacaagcaga caggtccacc tacagatggt caggaaaggt ctgaagaaag tncttctgtg     240
cctgaggatc cctccaaact gaaagccgtg gtaaattctc attggttaaa aaatgagaaa     300
ccgaaaaaaa tacccagttt tataaaatgt acaacaatta agaaattggg ggatgaataa     360
cccaaaggcg ttccttttta cttgggcaac ccctccaaaa taattcttct gggcaataca     420
acaacgagca gtttttttact tacacaaaac gtttatttat tcttttttttt ttgacccttta    480
actttttttt ttggcagaac cattttttcta tttccagttt caccattaat tacaacctttt     540
ccaggggggtt cttaaaaggc aaccctcccc                                     570


<210> 7255
<211> 431
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G


<400> 7255
cgaggggggag gtactggatg attcagagag tcatctggag gataacccct agcggatact      60
ctgccttgag agaataactt tctcacaccc ccgactacgg tccaaaggag gctgaggttg     120
agccgagtct cgcactttgt gcgcctcctg catccattgt atagccaacc ggcgtcacaa     180
acaccaaata gactcgaatg tcaagcagag actggcaaca atttgagata tatagtatta     240
gtggatggta caaaacctag agagggcggt gactcaagtt cattgtgttt aatattactt     300
gcatgtctgc gagcgatgcg tcaaagtacc atcctatgca tccatacttt tgttacatag     360
agaagaaagc cgatatatat cagaagagta tcagatacgg aaaanaaaan nnnnnnnnan     420
aaanaanaan n                                                         431


<210> 7256
<211> 599
<212> DNA
<213> Aspergillus oryzae


<400> 7256
cgaggggacg gtgaactttg cataatagct ttccgctagc ctcgcctgcg gtcttgaatc      60
ctttattact cttgttcgtg gcccccaact gtcattcagt tcacctgagt ctagtcggct     120
ccggaattgt gacgaagagt aaaacatctc ctgcctctgt ctgcgtcgac ttgatactac     180
tcgctcgttg agattggtct gcggaatcta gtcattgtct cgccagccca gaccgtactt     240
```

- 2579 -

```
ggaattatca tacgtccttc gcagatgcaa gctggctccc tataggtggc ttttccaagc      300
agtatttgtt agcgtggctt atctccagct ctcgtcctgc agccatcctt cgggtctca       360
ctgcccgttg ttggatgctg gtcgttgatt cgaagcccgt tgttgcgtat tccttgttga      420
gcctgacagc cgcttcgtgt cgtcactcgt tttgtctcgg agagcaatcc aagactctcc      480
gctatcctat cgtttcccca gtttaaatac catggcattt taaaaggggg ccttttttccc     540
cttttaacaa attttccaac tttggggggcc ccccggtttc ccggtttttt tttttaaac      599


<210> 7257
<211> 390
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 7257
cgaggttttg aatactttct ttccttctct tcttcccagg atttgttttg aagatcatga       60
catcctggaa gaagctgggt gttgaggata catggacgtg ctgatatacc ccttatgact      120
gcgattggtt acgagttgat ggtgtttgat gccctttcga tatgctatgg ctggtgtgtt      180
ctgcaatcgg tttggttgcc aaatagtcga tccgaatctt gcacgcttcg tactatggga      240
ctgcagcgct gctgttagcg atgtatctag gtcgttgata gtcaaagaac atactagtca      300
attctacgta ttatatttct cttttcngga tgcagttcat gtaccgcatg aaagccgact      360
gtcaccanat gaccattgac gatatttcct                                       390


<210> 7258
<211> 391
<212> DNA
<213> Aspergillus oryzae

<400> 7258
cgaggattgg ctgaatgttt tggccggaaa gccgactgag gagctggagt cgcgtttaca       60
gaatgtgcag tcatcgcatg ctctgttggc tgatattcaa gagaagagtg cgttcttcga      120
taccgctgcc gcgaagtatg cgccgagagt gtcctcttag atccctttcg cctagccctc      180
tttcatttct ctttcatatt cgatttccac ttttcttctc tatgcgcctt gttcgatccg      240
gtgttttgtt attttgatga tttatacgac ggcgtagcta ttgtattgtg ccaggtatta      300
tcggcgattg cctttattcc gtttgctatc gtcccagttg tggaaatctg atttcatgat      360
agacattaat actcaacatg tttggtgtag t                                     391


<210> 7259
<211> 672
<212> DNA
<213> Aspergillus oryzae

<400> 7259
gttcagatct tcgctgtatt ccgtctacca caatggtcgg ccgcaaatga tgcacatgtg       60
acattttcta tgcacatcaa cctgccgaga ttctcccgac gatcaacaaa tgcagatcag      120
cgcttgctgt gagccccgcc gggctcatgg gagctacccc agtcgttgcg gatggcttat      180
ccaccgctac cttcatcacc accgcacgtc aacatcaaga cctacgatca cgagaccatc      240
atgagtcgca atacacagta ggaacgccac gttcgctgat acagcctatg ctggatctat      300
ccgaggagca ccaaagggat tcttatttgc aatagcagcg cacgtctctg ggcatcgctt      360
caacctccgct tccagttcat ctctaggatt gggacccgca tgtcatttac gctgtcgatc      420
actcctcgtgt catgccggcc acgtgcgacg atgtcggcaa ctggatccat gttcactgca      480
tctcacgact catgataagc cagctgcata atgcctctct ccagctatca ccgccactgt      540
cgctttcact ttgatcgtaa ttgtgcactg tctgtccact ggtgcacaat tgcactgtct      600
aacggagtag atccgttcga tgacctaacc gagtcagtcg actttactaa gatcgctcta      660
gcacaaacat aa                                                          672


<210> 7260
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<211> 679
<212> DNA
<213> Aspergillus oryzae

<400> 7260
catcagcatt gcacgcgtgt tagcaggaat cgcaattagt ctcactgttg tctccactgc   60
acagactgtt gaccttggtc ctccacacat acacatctca ggttcatgcg tcgttggcgc   120
atttcctcac attcaacatt agcgtcgata tagtcatcac gatgtggtaa acagtttcgt   180
atggatcacc acagtgatac ttcattcaca tcttcccggt caacggtgtc tcgagtcaca   240
tgtcgagttc tcacactaat tctcaaatcg aatcacattt cctacttgtt tcatgtaccg   300
tcacttctag tgacaccagt gtgaccactg tcatgggttt ccaaacggta tgacgtctgt   360
cggctctaga cacatatgtc aggtgtgtgg cacaaccgtt aaaattgatg ttagtgtgat   420
ctacatacct ttctgactgt ctagcgccat tcatgacctg agcaaatgac taagctttga   480
acaaacacat gactgtccgt cttgagcctt cgagttacat atctgatatc actagttata   540
attcatgaga tgctgcatct tattctgtta catgtataca taccagtgca tgtcgctcac   600
tgtgacgtgt aatcatactg atgcatatgc attcttattc aggtattgtc gatatatctc   660
tgtgtgatag tgacatggc   679

<210> 7261
<211> 663
<212> DNA
<213> Aspergillus oryzae

<400> 7261
cccttgcgat atacggagag cagccaatat caactatttc accgcgtttg cagattcttg   60
tgaatcttca atcttctcta actgtatatc aagagaaggg caccagtgtc aatatccctg   120
catcgctttt aaccctcatt attgagttat tatcacccgc agcttgtgag aatgcaaaat   180
tccctctgcc ttttgaacgt tatcagacgc tcgtcctggc tttgtcgatt ctggaaaatt   240
acacaatcct aacgggccca ttggatcccg actgctgcaa ttccttacgc tcgcttactc   300
agtgtcataa atttctctat ccgaaccagt ccgatcaaag ccggcggatt ctgattctat   360
acattcgggt actattgaac cttaccaaca aggactcatc tctttgtgag gagtgttcca   420
gaactgaaat tgttggcgga cttgtcaagg tcatcatttc ggaattctgc gctgtgcctg   480
aagaaaatac tggtaaagaa tatagctcac tggatgcggt aatattagct ttggggggctc   540
ttattaatct tgcagagaat agtggatatt ctgaggctat ttatccggaa gtgccggatt   600
gatcgcgaac cttagatgta tttgagtctt aagtgaagtt actaccagca atacgctcag   660
gcg   663

<210> 7262
<211> 686
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 7262
ctaaatccga attgctacgt tcggatggct ctgtagatga gatgatgttc caggcgacca   60
tggtcgtcaa cggtgcggca atctaccttc acttcccaag gtccgacctg ctgtcgtcgc   120
cggcgatggc tgcggaagtc atctgtggcc atcatggccc ttgtagcatc cctgcgttct   180
cgcatcatgc acacgcaatg aaggccgtaa aagcggccag tgaaatttct tcgttggcgt   240
ctattcgcat gccagtcgtc aaacatactc ctttctttat ctgtgctcta gtaatgagtt   300
ctattgtgca gctggctgcc tgctccgtga aagccggaca aatgcccgat ccgagtcgag   360
accgactcac gctcacgatt ggagtattca aatctctcgg ccgtacgtgg gccatttccc   420
aggccatcgt ccgccagatc aaggcagtcg cacgcgatgt gatggatctt ggcttacgac   480
caaccatgga tcatatcgac ttgaatagcg tccttgacag cggtcgattc tggatgccag   540
aatcccttgc gcggtaaggg ggctntagaa atttggacct tctctcaaaa cttggaacct   600
cacccctgtt gatataatct gacggtatga ctatggatac ccaccgcaga gattaaaaca   660
taaaaaccag cccacatgtc gatata   686

<210> 7263
<211> 652
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(652)
<223> n = A,T,C or G

<400> 7263
cggacgacga ggacgagccc accgacacga tcttggtaat cgtcactcat ggggcaggct   60
gcaatgcact catcggagcc atcaccggcg agcctgccct tgtggacatc aatacggcgt   120
ccctcacgct ggcagtcccg aaggaccggg tggctgtcac cgagaaagca gacacgatcg   180
gcggacctgt agcgccgtat cgtcccggaa acgatcaggt cgagttacgc gattacaagc   240
tacagctggt ggcgtcgacc gatcatttac ggccggtcac gaacctgtcg acatccgtcc   300
tttcatcgcc cagtagttta agttctccat cgtccgcata ccgtcctcga ttctcgaccc   360
gcccgtcttt acccacaagg cggtttcgtg atcggtcctt tctgctgtgt ctggaccggg   420
cacccgtntc gtggacaatt ttacgaacct tcaacgnntc tcgggggtcc agcggtcttg   480
gggggcttaa ctcgatctct ggccggggac acggcggacg atattattcc cccacttccg   540
ggatccttgt tcggggtcaa tggggactag cacaatgacc accactccgg ccagaagtcc   600
gaagagtcgt aaatatggac gccacaactg ccacagagaa ccgttttaa ac   652

<210> 7264
<211> 98
<212> DNA
<213> Aspergillus oryzae

<400> 7264
tctcctgtca acgtgacgct tcattcccct cccgtcacag tttgttgttg actacgcgtc   60
tctccctct ctcatcctgt ttgctcttat gtgatttc   98

<210> 7265
<211> 676
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 7265
gccgaacttt catggcgtat actcaagatc atcgatgcgc tcggctccca atgcatgagt   60
tccttcttgg cttcgggtac ctacttccaa caaaaagtat agatcgtcag agttccgaga   120
gcttcgcgac agtgcatgcc aaacagttca atatgtctct tcttgtcaca attggcggga   180
taaagattag gtggattgac acactgggcg cccatttgga gtttgataac cgcaccaaaa   240
ccttgttcct ctttcggttt ccttcttttt gcgccgcaaa tctcgagaaa gacttatcgg   300
gcgagaaatg ggtgccagga gtcatacatg gttgtactgc cccggctggc gatcctacca   360
atgggctac cgtgaagat gtgacaagct ttctatacga ggtgtgctg tcatatcgcc   420
tgctttttcgg gctttcggca aagggccgac aattctacca ttcaaatatgc ccatttaatg   480
aacttccgcc tgaccaacat gatcctcttc tgggagaact atgcgctca cgcactctga   540
cacagtttttc atggaccacc acgaagacgt ctttagcctt gttcagactt ttcaatcctc   600
acgaccgaat ccaagccctt taacacattt ggcttccaaa gggacgtggg ccgatacaat   660
attggcggat aacaat   676

<210> 7266
<211> 664
<212> DNA

- 2582 -

<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 7266
tggttgcctt caatctacac aacttccttt cttccctcta cattctttta ccttttgtta   60
ttctcgcgaa cccagttcat gcggctcctt atcagaatcg tattcttgag accggcagta   120
ctttcggtgc tccggatcca tatggcccat ggcaaatgat ccccagcatt cccaccgaag   180
acctggtcta catcaaaact accaacaccg gaactgggag ggtagaagtt cacatcgcct   240
cgggttcatc gggattcaag gcattctaaa gtgcaacttc ctctacaatc acgaagatgc   300
agctgccagt ctcattgggc ctgctcactg tgctgatttc ttcagttaca gcgagatact   360
atgactgggg tgaatatcat ccaaaggcct actgcaccgg ccatatttac tattgtggaa   420
agacccttct gactgtcgga aactacaggg atcagataaa ggacgttnta cgtagcgagg   480
gatatccgct agacgattgg cacatcaaca acgtttctct ctactgtcgg aaggggacgt   540
cagacgaact ggttntgag agaatgccta aatatcaatg ctatgatggg ggtgatggta   600
gaagcgacta tgttgatgac gttggaccat gaaatgagat tctccacgtg gttggttgag   660
ttgt   664

<210> 7267
<211> 718
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G

<400> 7267
ctggaattac gcagaacgct ctgaatgccc aattttgagc caaatgccgt tattcgcggt   60
gctcagctca cgattgttgg aactgttcga gcactgcgga acccagaact tttcaaacat   120
gagcacttcc ggcaagcggg ttttgcgata gctgtaggaa tcgccattga attactcatt   180
cagatcccca tcatcggggt caagtttctt ctatggatct tatcttggat ggccgacttg   240
gagagcgcga cttgggacga tacccttctt gagagccttg attttctgag caaatcggtc   300
cttcaagttc ccttcttggt gatgacgctc atgcgataca tcaccccaac tctcgatgaa   360
atcttcatgg aatctataaa atgggtcgac tccacctatg ttgacaaaca taaggcagat   420
gatcccaaga ccctacgggc catgtactac ccaagccttt cgatgtactc cacgaaaggg   480
agtgttgggg tgtctaagcc aaaaggtgaa tcggctctcg tcttcgtccg tcggtatggg   540
cgcaaggtcg gnatgatgct nggcgtcttt ttgctgtcgc ttcttcctat cgtcgggcga   600
ttcgtgatgc ctgcagcttc gttcttttcc tttagcagat ggtgggccca gcccctgcag   660
ttgttatctt gggacccgct tgggctccct aagcgctacc tgtacacttc ctccaccc   718

<210> 7268
<211> 691
<212> DNA
<213> Aspergillus oryzae

<400> 7268
gcgaggggca gatgccccct gaacagcaag acttgttgta ccaggatctg atgggacgcc   60
tagtccagtg gcggctcaat gctcccaagt gcatccaaga agttggcgaa ctagatgacg   120
agagcttaaa gcaatatccc tacccagagg tcttggaata tgcgggctgt atcgagtcgt   180
acgaaaaggc gaccgttctc tacttcacag aggtcgcagc agcggaccgc cctgatcgtg   240
ttctccaaag agccttttta gacatgcttg catcgcgaat tttaaactc attgagaaac   300
ttgccaaaga tgttggccag ctagcagttc tatggctct gtttaccgca gggcgcgaga   360
ctcgtaatga gcgcgagcag aaattcgtgc gggaaccat gattaaccta caacggtttg   420
gattcaagaa cgtcgaatag ggcctcgaag aactggagaa tgcatggttc atgcaacgcg   480
cattccctga aaggtggata gacaggatgg aggacgttcg ggctttgaat cttcttccgg   540

- 2583 -

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gatcttgcat aaagcactcg attcgactac cctggctttg acccatttgg ggcagtctga      600
tcacttactt cttgaaaaga atgtttcgtt tactacccat caaccttcct ttatgatggg      660
gggtccattt ttgcaatctt ggtttaatta c                                     691


<210> 7269
<211> 591
<212> DNA
<213> Aspergillus oryzae

<400> 7269
cgaggtgcaa aacatggaac tgtccgcata gctactcgaa tgaacctagc agatgttgca       60
ccgcggattg tggtttccta cgaacacatt gcgcgcagtt ctaacagttt tttggtgacg      120
atcaatcgat agatttatac gccggacaga ttaggtcatt caagagcatt tagagtgtac      180
gttgatcgga aagaaggaga tgcctgtatc atcaccgtta aaggctgctg caaaaactgc      240
agcagcgaaa gtgagatcaa aggtctcccg tagctcgcac gagaagtatg cgtggcttta      300
tgcttccccca gcgaccaaag atgatattaa tccagtcgtg gaatgctggc tgaaggatca      360
aagcaacctc gactatgttt ctggagttac gggcggaacg ttcgggata  accgctgga      420
aaacgtcgtt gaatcctttg cgatcgtttg gacaaaaaac agtggcacta tcgaaaggcc      480
cttttcccggg gaaatacttg ctgattgttg ggctggaata tgtggaccag attgatgggc      540
ttcccatatt ggaagagact acgtccttgg accatggcga gtattgtctt g               591


<210> 7270
<211> 696
<212> DNA
<213> Aspergillus oryzae

<400> 7270
gctaaccgtt atttatctct gccagacccc ttatttttcg gtcgcattgc atcgcagtac       60
ctggctaaaa aaatttgaga ccatcgcagg gctttggata ccattcgatt actcatcgtg      120
catcccccgc cacttatcta ctgctttggt gcatcccttc aacgtggtac aatctggagt      180
ggttctggac tgagaagggc aaatcgggac gggagtctac aaaagccgag aatccaaaaa      240
tgtctcgggc aacgtcaaca tcggctcccg aactgagccc ccaattttgc ttcaatgaga      300
aattgctccg agatttccta cgtctatcca gatcgacaat agatgattca attacccaga      360
acctcaatgc tctgttcact ccgtcgcggg agggcttcga tccctcgtcg actgcggtac      420
gtcaaacaga ttcaaaagct gggcgtacaa tagaccctgc cgcttgtcag agtttcaaag      480
acaacgttct attccctca tggcagacac ggtcagactg tgctcaatac tgcgccggcg      540
tcgctacaag tcctgacccg gacgaccctg atcttggcct tcgacagacc gaatctgccg      600
ggacccgaaa gcgagtcgtc atgaacgttt aaaccctgac ttttggccgg ttttttccctt      660
tgaaggcacg aacgaaatac ttagccaatt ttgccg                                696


<210> 7271
<211> 449
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 7271
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tcagctcagc tacgaaactc atctcacaca gatagtcttt agcttcaccc gaggaacacg      120
atgcttcctc caggcgacag tgcgactgat caacagctcg aattctgtta taaaacacac      180
tgcctggtct ggtaattagg aacgtccatg tttgaaggcc ttttagttcc acgttctagt      240
ggatcacctc tcggccgctt cggggtcttt agatgcgcag ggcgtcactc accaatattt      300
gaccgtggtg catgctgttg gggcacttgg ctccgaggtg tatgcattag gctctctgcg      360
gccgcggcga ggttggatag aaccctagag ggcgtcgtct tattataggt atatactgat      420
agatatatac aactcangat accnaagac                                        449
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- 2584 -

<210> 7272
<211> 537
<212> DNA
<213> Aspergillus oryzae

<400> 7272
cgagggcctg aagggaagcg atgaatccac aagctttttat tgtcatcctt gtgccttcac   60
ccagtcctcg acacggcgtt aaaccgtctg tctctttccc gtggttgcga tggtggatca   120
tctcgactct tgatgtgggt gtcctatttt catacttcgt aaatgaatct ttcgctcatc   180
ctccccaccc aactccccgc ttcaatttcc ttcgaatggc ggcctttact gtttctgagg   240
tgagatgaca cgcactgggt ttgttgatga ttgttaccac ttagtgtgca tagccaagga   300
ttacatacaa catctcgaca ggatgcggcc atagaaaagc ttcgcagtgt ctcaatgctt   360
ccctccgaca caacagaagt ctgtcagcag agtatgcagc actattcatt acactgtatt   420
gtacgcccca tggcttgagg cccgccgcct tgtcatacgc aacttcagtt tcagtgtacc   480
cttggaccaa ttaaggtaga taggactgtc tcaaaaccgg tatattcgtt tgtgcgc   537

<210> 7273
<211> 169
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 7273
aaacccggct tccaggctcc ttttgctgtc gcccgttaaa cgggcggttg gggataagct   60
gaaggtangg tcagtgggca tgatcgactc ggcccagctg gccaactcct ttgtagagaa   120
aggaggtcta gattttgtca tgggtcggcg gggttccaaa agaatccgg   169

<210> 7274
<211> 859
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(859)
<223> n = A,T,C or G

<400> 7274
cacgaatcgt ccgattccaa ttctaaaagc caaccctcga tattatgatg ctatcgatcg   60
ttgtgctaay ttctgacttc attccgttgc accgaaatat ttcacatata tccagagacc   120
ctggtttttgg ttcgctgtct tacccactcg ctggtctttc gagaatattg agttgcgcca   180
tgggacatgg agagtttggc cgctgtcgag ctagcgcctt accactccag tttcctttcc   240
gttcgtttga atattttcgg tttcttttctc tgggcccggt ttatagagct tcagcatttt   300
gcattgatga caaggcaact tttgactcta ccattttatt gcgccgtgca cctctcacca   360
gcccggcact ttgttttcat ttagcggatc cgattctttc cttcatctcc gaccactggc   420
cctacactta tttcctatgt cttgaacgat tttcctacgt taatcgccct tcgactttgc   480
a'tgggcctg atcgctatga taccaagcaa ccaactggca grtcctattc ttggatcttt   540
ccttatttttt ttccttattg tcttttaatc ctacctcct attcttgta taacaagcga   600
gggagcgacc caactcctcg ccgtacaatg tacatattga tgtacggctc gtcagaaggg   660
cgataattcg acatgcacga cagcgacccc gaaagttatc accctaaacg ggcagatcta   720
atagctttgg aagtgctcaa tgcagctgta catacacaaa ctccgcgtcg gtgaactgac   780
acctaatggg aaggccggng gattaagaac taaaagataa tttcctttgt tggaatgaaa   840
tgaaataact taagaatttt   859

<210> 7275
<211> 281

<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(281)
<223> n = A,T,C or G

<400> 7275
cgaggggggta cttggcttgg ttttgtgctt ttgttgggaa aaattggcgt ttgggaagga   60
gtgttagatt gcatgatgcg ctgtgtttac gattatgagc gctttgcttg agattcagtt   120
cttgttcatg ttgtttagtt catactacgt attggtatgt ggtgatcggt ttctctgtag   180
agggccgagt gcttaatggg ttatatctgt tatttcacga ttaggaaact tgaatcattt   240
tgttcatttg aatagaagac gagcatacct tggcaaaaaa n   281

<210> 7276
<211> 544
<212> DNA
<213> Aspergillus oryzae

<400> 7276
cggactactt ataatctatt caccagtaac ctaatctttt gctattttat cttggctata   60
cctggaccat agttgctttt tattgccaat cggccctttc taggcgacta ccacaaccat   120
ggctaagtac acgaatatca acagtaatac ctacaatcag ttacagcgat ttcccgataa   180
agctctccaa acttctgcac ttgcgagctg ctatagtgtc aacacgtcag catcgagagt   240
taatggtttc cattactaca ctacgactgg ggccggagcc cagtggtatc cctgaggtcc   300
cctcagggtc gaaaaccttg tctccaagtc cccccctccga tctctctacc cattcaggaa   360
tggagagcag tctttcgggt aatattatac ccgaatacaa aggggaggca gcgcatacta   420
tcccggaaga gtgtgagagg ctcttctgcg acacattgtc tgtgattttc cttggtgagg   480
ggattctctc tggacaagag tcgcttgggg caagtgcgta tcaaggtcaa ccgaataatt   540
cacg   544

<210> 7277
<211> 491
<212> DNA
<213> Aspergillus oryzae

<400> 7277
ctgttgagtg actcgttgaa tccatctgtc acgtccgcgg aggccgagga gtatgaacgc   60
tatatcaacc accccctgaa agtacctctt gttgtgacat ccaggacga ccttacggcc   120
acttctgctc gcgaacgaga atcaaacttg gatttgattg agtatgtcaa caaatgcaat   180
gtcgaagact ccgctctcaa ggccaacgcg gatcaaaata tggcagacta cgccgagttc   240
ctcaatatat cggacgaagg actcacagtt actgcggagg accatgaaat gaagcgctac   300
aagcgctacc gacaatggtt gaggggcaag agtcttttca aacagcgagt tgatatttga   360
acagcatatc tgtgtgccac gattcatgaa ttataactta atgacgcgat acccatacgc   420
atcacgttag cattagcgtt tgcaagtctt ggcttatcat gttagatgta ctaatgcatg   480
ggtttagctg c   491

<210> 7278
<211> 970
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(970)
<223> n = A,T,C or G

<400> 7278
gatattttga cacagtctgt ctctcttgtt gacacattga ttcaactcgc accacgcctc   60

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agtgacaacc atcatgatga agccagtttt ctttaccaat acactgtatc tcctcttgcc    120
agtgctggcc agtgcggcgc cagccccgat tataggacta gatatccatt cgaggggcac    180
aagcatcacg gcccatcaaa ttatagccat cgcaccaagt tccgcacaat cttgcacaaa    240
tcgtgctgat aagaatgctc ctaccgagtg tgccgatgct gaaaaagtgg ctacgaatat    300
tgccaagtcg tttgacaagt accaggtcac aagccctgct gagcaggcgg ctgtgattag    360
tttgatggct ttggagagcg tggaattcct atataatagg aataaaagtc ctggcgtacc    420
gggacaagga actcgaaaca tgcagtcgcc ggctttcaac tccaaatatg cgcagtcact    480
taacgtagca gtgtccagcg atccagctca aacccttgat aagttggttg acaatcccga    540
gtgggatttt ggctctggag cctggttcct gaccacgcaa tgcacggccg atgtgcgcag    600
tgcattgcaa gccggctcag agaccggttg ggagcgctat atcacccagt gtgtgcagac    660
tcaagttacc gataagcgga aagaatactg gcagaaagca atgcaagcgc tgggcgtcca    720
atcctcttga gttcaatcat aggtgttttg aatactgcac tgctggacag gggatttgta    780
cgtttctgac tcatagccgg cccacacttt tcattttcat gctttctttt ccgcttggtg    840
gtactgagta aaaccattat tatgatcgnc aattgatttt attttttttt gaaaaaaaan    900
nnnnncnnan aannannnnn nannnnaana annnanannn nnnnnnnnnc cttccctggg    960
gcccgtaacc                                                          970


<210> 7279
<211> 694
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(694)
<223> n = A,T,C or G


<400> 7279
aaacttgaag cttattgaca aaggaggagg aatctcttta ttaattattc tggattgggt     60
atgatcttca aaggcatcat tatttaattt agcttttctt tcgtttctca agcattcgtt    120
gacgcacctc tcaatgaaat cacgacataa tccacgaaat acgaaattag gatgaggacc    180
agaaactcgc caagggctgt gtggcccacg catccgaagt tccatatgcc gcanaggatg    240
cagtttgctg tgtccagctt tgtgggttaa aatgaccaga ttgagatcct tcattttcac    300
agctcgccca tgcatctacc tcgccgcaga ctggtatagt gacaggaagg taattagagg    360
ccgttgttgg aacttggtcg gtgccatccc agaaaccagg gcttctatat tgcangttta    420
gcacttcatt tgtcaaaaag ctaacagctg tggttctgcc ttcaactccg tcggctgccc    480
aagcgtcgcc acttccgtaa ggaggtaaca actgttggcc atttcttgtc atggtagtct    540
gggtttgcgt cccctctgtg ctggtcaacc cctctgcgtg tttatttatc tctttgtgcg    600
ggccttctct gtttggtaaa actcatgttg cggcagactg gcctatcgtt cttaacggaa    660
actttaatct gaaccgggat catggtaaat tctt                               694


<210> 7280
<211> 606
<212> DNA
<213> Aspergillus oryzae


<400> 7280
cgaaaggata gcgtcggtga ggatgcgata ggatggaaat atatcgaaat atccaggata     60
ttcattcgtc agattccgac tcctcaggct gcatgacctt ttcatcgagt tcctacgtga    120
tatcgtcagt agagtaacac aaccaagtcg tcttctgagg catacccttc ccaaccggat    180
gttcaggttc tgcagttggc tttccttgat aaccagtgg cggnatcgc ccaggtcctc    240
cacaatgtag tcgtgtcttt cttcgtcata cttcaaaata atggctttca cggacggatc    300
gcattcgatc aggactcctg ttggaggcgc atgttagctc gatcgcaaga gatggtagga    360
gcaacgtgca catgcctcga acagcacggg gcattttgat aaattataga gcggttgaga    420
tttctaactg gtaatgtgga cgcgtgaata tgtagcaagt cgcgcaagcg atgagatggt    480
cgtgatgatt gcagagaaaa tctgcggaac attgtcgact taccgccaag acaccctcag    540
gaaccaatgc agaaatacta tgatttggac ctcaaaaaat atatatatat aaaataaaat    600
tttcct                                                              606


<210> 7281
```

<211> 699
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

<400> 7281
cggtcaccac gctggaccga cgaccggccc atctaaatgg cgaccttcga ctacccgact   60
ttgtgccaca cgcacaggcg ggaatgtttc taggggtatt tgatgggctc ttcaactaca   120
tctccgaagt gaccaggttg cgagacaaga tcaggcagcg acacaatgaa gggtatgagc   180
ctgcggttga ctaccagata ttgagtgagg ccgtctcgat tgactccgct atccggcttt   240
gggaaacgtc ctatccgcca aacactgcga actggtctct ggcacagctt tatcggcagt   300
cgacctgggt gtacctctat cgtactattc gcccctcgca accaggtgac aagataggtc   360
aagtggtgga tgatggcctg gaatacttgg atcagctccc acaggacgct ggcgcttaca   420
gcattgtcct gatgccgntg ttcctcctcg ggtgctcgg gtttttgcag caccagcggg   480
agcgaatcca gaaaggattc gaaacactca aatcctactc taaccttcgc aacaatcgaa   540
cctgcattca aagtcgtaga aaaggtgtgg gaaagtatgg actccaacat cgaggaaagt   600
tgggattggg agaaaatcat caaggatatg gatatggatt ttctcattac ctgaattaac   660
ccacgcattc tcatttgcaa tattgcatat gggcagcgt   699

<210> 7282
<211> 698
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(698)
<223> n = A,T,C or G

<400> 7282
gccttttggg tttccctgtt tatcccctcc ctcccccccaa tttctttacc tgaattgatg   60
tctgacagag taacatacct atcacttcaa ttttctcatt gagattcaac ttcgaaatct   120
cacggggtta attggtgaag aggcttttga tgctctgcat tgtttcaaga gccagaatgt   180
cccgcacaaa ctagcagact tcaccccaag accgggtttt ttaaggatca ataaaacagt   240
tcggtttata gccagggcgt tacaaaacta gcgagcgctg gaacaaaggt ctccactgtg   300
ccaggtgcgg cacaccggac actgcccttt gataatacat ttccggcaga gacagcgacg   360
catcagatag aagagtggat gctgcattta atatgtccag aaaagtctct ctcgatgcgg   420
ttgtgtcgta tattcatgac gcgctaagtc aagaggggga tagtattcta atcccgcgag   480
acgttctttc cacaatcctt gatgcagtga ctcaatctgt aaatacagag aaagctctag   540
catgggtgga agcagactgt ttgtctgtaa gaagtaggtt ggaggcttat aagagggctg   600
acgaccttgt cgttgaggag ctgtgtncag cgaggaaaa nataacagcg ttcgctagga   660
acaagttctc agatcccctg gtgcaaagta ggaaggtt   698

<210> 7283
<211> 665
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 7283
gagattngta ctgattgatt tcgatgtgct aaatatatga atgagtgtcc ttgttattgt   60
acgactgggc cttgaaggaa atgatttccg ggacggttaa ttccaaatca gacccccttg   120

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cttgcatgaa attatggtag acataccatt tatccaccat cgaaaggggc tgtaagggaa    180
ttcaattcta tgcatatagt tgaacctagg tgtcggtatt gggttttgct tataagtctg    240
cgccctacta gcaaaactca tcgcatcaga ctcccgtccc caaatctatc accgctatca    300
gcaccgtgac atatgtccta cgacagcgtc ccaaaagagg aacatgatag cccagatgcg    360
gagcagcttg ctattaagac aagggatccg tcgggccgat tgtgcgatat caacatcgtt    420
cttgcactgg tggcaatttc cctgtgcttt ggcatggggg tattcatgtt cttcgatttg    480
gcctacgacc agattaaacc cgcggagaca acattagcca cctcaatttc aattcaactg    540
ccgcaggtca actttctgag caccaactgc aggttgccgc tttgacttga ccacgttcac    600
ttgggtgcca ccagcgggct tttacaaccc cttatggagg attttttcgg ttaaaaaact    660
ggacg                                                                665


<210> 7284
<211> 788
<212> DNA
<213> Aspergillus oryzae

<400> 7284
ggtactcgct aaaatctcac ctcccctcct ccgtctttc cgtgatggag cctcacggag      60
acggggagcc gtggtgtcag ttgacggcca agaacctatc gctgtgaagt cagtggttga    120
ctttcttaac aatacattgg aaaaggaagg aaaataccac acccacattt ttgaaggacc    180
cgatatccgt ctgcgggaag gttactctga atctggtcag atgggcgatg ctacggttga    240
ttatttaaac accatctcag cctggcaccg catttcagat gaaatcgtga gcttcgtcaa    300
atccttgtat gggtctttgg aaccgaagtc cgtggatgaa gacaactcaa caccaggagc    360
gtcgcccaaa ggctctatcc ctaaaggagc cgaaattcat atcagttcac cggcacaatc    420
gagtgagaat ggatctgtat catactcatc gtcttccggt tcagcgccct gtccggtacc    480
tgtggccctg gttcctaggt accagcttac cacagccgac gccttcgctt gctccgtacc    540
tatcggagac tcttatgcac cactggatca ttggcagtgg atggcgtctc tctggcgtgc    600
ctgtgtaggc ccagatatca cagtctatgt tcgcgaatgt gagaaagatg aattagatcg    660
atatgggggg aaccccgttg aagttcgctt gcatgatgcg cgaactatag tagtgcggag    720
agcagctggt tctccgaggg aactagaaga gaagactttg aaacgcgtgg ggtttgaaat    780
cgaggact                                                              788


<210> 7285
<211> 657
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G


<400> 7285
ggcaccgatc ctatcccaac tgatccggcc ggtgaccccc agacaatgct gttaggccgt      60
gttttccgtt ttgattcacc cctaaccttt gaagcatcgc catggaacta tgtatcatcc    120
acctctaagg gccagatccg tctcgctcgg ccaggtaata agacggagga gggcggtaca    180
gagcggtggg agcgggtact acaacatcca ttcgagctga tagtccgtgg tgttgtgaag    240
taccagttac cactgagctc ccgattcctt tcggcatctg tcagctccag tgttcaagtg    300
gtgcccgaca aaggtgacaa tggcactgga gatggcaacg acaagcctga tcctggagac    360
gacgacacag ttaccatatc taaaacaagg tcacttcgtc gcagtctgcc cgagctgcgt    420
caaatagcca ccaaacgctc aatggtcgat ttggtacgag aagctnntgg aatcacgnga    480
taggtcatca cggctcggnt gccgtgattt caatctctat tatcgaactc aggatnntac    540
cggctcattt cacccttttgc cctnngtctt tttggatatc cttctgctat gggtagatcc    600
tntgcttncg tgcccaaatc ttcgcttcaa ccaatactgg gaggaatagc cttgtgn      657


<210> 7286
<211> 686
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 7286
cgactcatct ctacatcatt gcgaattcgc tcggctatgt gcgctcagat acgcagtttt   60
cgactaacgc gtctatcaat gtcattggat atattgctaa cttggaggaa gcccggattt   120
acgatatcat ccctctttat gcatcgcttc taccaacata ccaggcacac tctgtgcttg   180
gccagatcct gattgaggta gtcgacccgc gggagagacg acaacaagtc aggctcatgg   240
agaatcatgg tatcgatgtt gaagctgtct tgcgtgatca gtggcagtgg gttagcgcta   300
gtgtttcctc ggttgaacat tcaagtacgc ttaagcgata ccccaaggtt gtccgtcgca   360
aggatggcct gcctgaggtg gtaccagtca agaaggatta cattggaacc gatgtatctg   420
gtacggaaga acgcgtcatt agaagcttgg agtggcttcg ccatgttgat ggacaatggg   480
ggaggatctg tcaactgggt gccttgctgt acagaaaaat tttatgtact ggtagacttg   540
ctgctgctcg ggagttgagt agacgcatga agctggccga tatcttacgg ggagccattt   600
ggttttgacc tgacagaaat cccctttgcg gtggggatg gcgcaaaacc ttnacttcca   660
aggctttttac ccgattaaac aaaatg   686

<210> 7287
<211> 130
<212> DNA
<213> Aspergillus oryzae

<400> 7287
tgggccaaaa agttgtgatt atttcttgtg gaggaatttg agttctggat ggaaattggg   60
atttgaggat atcagagctc tcgcagatta taccaaggta gagctaaaat tgagaatata   120
tctcatgatg   130

<210> 7288
<211> 525
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 7288
gatagcattg acaagatatt ccttgtggtc accttcctac agcttcttca tgttatcttg   60
gtgcccattc aaggctgtgg cggcgagaat ggatgaatcc tccgtggaac tgaccatgat   120
ttgtcaatcg aagtgatgaa tcatcgatcg aagtgccaga tagcctttgt gagcgtggca   180
ggtgttgatc aaagagaatg gggacggcat ctatacctag tacaacaagg gagttgttgg   240
accatccagc ctttcgcgac tgatctgaaa ctaagacagc cagcagacac aaggcaagga   300
gccaggactg ttacctgacc tttgatctgc gaagcgtaca gtcttctggc cagggttaag   360
tagggagtaa gatgagccta atttcgaacg gggaccgggg aagacgatag tcccgaagca   420
acacggagga tcttggattg tttggacaga accacgtggg gatccgatca acccagcagt   480
ccgttgctct aattaatgcc tganacatct ccaatggcat tggcc   525

<210> 7289
<211> 545
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

- 2590 -

<400> 7289
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gaagcccagt ccggcgcatg agcagactca taaatcatgt ttcgcggata ccctatccag    60
tccatgtcaa acgttgccct tcctcacttc atggcatctg gaatgccact tggcaacggc   120
acgattattt acagcgtgca agatcacgca aatacataaa tatcattctg tataatacgt   180
tgaagtacct cactattcga aagacagttt ttgtcttgca taagaaggat gtgtgaagtt   240
cttgtctagg cacctacatt tgttccaggc tgttggctta gtagctcagg ccattatgaa   300
agttattacc cgtggcgtgg cgttgatggc gcaaaggttc tanggtattt aggattttcg   360
ggttttaggc aaggtntgtg gttgggtatt tatcgaggaa gcgttgctgc aggtatggat   420
ttctttaatc taggccctgc tctttctctc ttcttttttt ttcgnccccc attggtnatt   480
nctcctngtt tnatggacat cgggatgatg agaataccat atttccaatg catattccag   540
gaacc                                                               545
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<210> 7290
<211> 640
<212> DNA
<213> Aspergillus oryzae

<400> 7290
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gtcccgcgat ctccgacttc atccgcagca tcagcgaaca gtgcgctgct gccgtggagg    60
gcctgcattt ggcccaggat gcggaggatg atgactcaga cgagtccagc aagacactga   120
atggaaacag actggcccct gaggatcagt cctcaattcg cgagggcagc gaaatgggcg   180
acgtggataa ctcccttcac gcccaccggg cctccagtgt tcctcccaca ccagacttgg   240
tacataaccg gtcgagtacc tcaatgtcca tggtgagcta ttcaaccttt ccggaaaggt   300
cgagccaaca gtatggacca ggtgaggtgc ccaccaggat agttgaggat gatgatgagc   360
acagccatga gaccgatggt cttgatgacc agaccgatac cggaactttt gttaagcata   420
ccagcaagga tcttatgcgg ttgagcactt tccggctggt tgtatatttt gacatcgaca   480
ccatgattca tctgttatta tataagcctt gattggtttt ttgttcccga ccagatattt   540
actccgcaca tgcgcctagt atacttacgg acttgacttt cacactttct cgctcatctc   600
ttactttac agattcttta ttaaaccttt attgacttcg                          540
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<210> 7291
<211> 182
<212> DNA
<213> Aspergillus oryzae

<400> 7291
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cgcttgcgac cagactcgcc tccagggttc agccggcatt cgtgccggtg tacttccctg    60
ggggcgggcc agcgtcggtt tgggcggccg gtcaaaggct cccggaatgt agtgccctcc   120
ggggcacctt atagccggga gtgcaatgcg ccagcctgg accgaggaac gcgcttcggc   180
ac                                                                  182
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<210> 7292
<211> 662
<212> DNA
<213> Aspergillus oryzae

<400> 7292
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cattccaaac ttggaatcca tgaccccgcc attgcctgga ccgtcttcca agcattgtgg    60
gctgagctta ctgcaacctc cgctgcttct ggatttgaca agaacttcaa gcctcggccg   120
cctatgcttg taactgttga cggcctcgcc cattggatga agaacagcga ataccgctct   180
gtcgaatttg aacccatcca tgctcacgac cttgtgttcg tggggcactt cctcgggcta   240
ttgaagcctg gtaccggaaa gcctgccctt ccaaatggtg gtctcttgct ctactccact   300
tccgcttcca ataacccaac gatctacagt ttcgaggttg cactcaagca aatcgctgct   360
cgccaggctg cctgaatgc ttcggcacct gaatttcctc aagcagatcc atacagcgga   420
gctgacaagc gtgttattga tgcctttgac tcttcgaagc caactgtcgc caaagaaggc   480
atgctagagc tccagacact tggtggcctc acccgggacg aagctcgggg cttcatggaa   540
tactttgctc gcagtggcct tctgcgggag aagatcaacg accaatgggt tggtgagaag   600
tggagcttgg ccggtggtgg tgtgattggt gaattaagaa attgggaaga cgactgagag   660
tg                                                                  662
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<210> 7293
<211> 92
<212> DNA
<213> Aspergillus oryzae

<400> 7293
cctcaccgcg agtactggtc cggctggacc tttccttctg gggaacctca tggccttcac   60
tggctgtggg gggaaccagg acttttactg tg   92

<210> 7294
<211> 170
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)..(170)
<223> n = A,T,C or G

<400> 7294
gttgccccgc acgtcgtagt tggatacgaa taggcctccg ggccacgaac ctcagcaggc   60
tggcgacggc tccccgggag aaaccccggg gagctgtctg gcagattgca atgtcacctc   120
gcgcggggat gaattccttg catactactg aggtgaacaa gcgtgntgtg   170

<210> 7295
<211> 678
<212> DNA
<213> Aspergillus oryzae

<400> 7295
cgacagagag catgctgaac agcctcttgc aaccccaaga atgactccac cctcagctgt   60
tgatgtcgca gaggagacca gcaacaaggt tcaagaacaa acctcctata ttcttcataa   120
cccggaaagt acaatagttc tggattctgg agaacagtca gttgccgaac ctagtgactg   180
ggagagtgaa gatgacgacc aacctggttc catggatgac tcaatgtccg agtcacagtc   240
ggcatatgat gaggaagaat ctgaccccga gaggttatcc gtgagattaa gctctgctcc   300
atacatggat atcagtcagg gcatacaaga agacacggct tgtggtgatt atgatacttc   360
gagtagggag ttttattcga aaggcacgga agcagaagga cgcacgccgg atcttacccg   420
tcagaccgcg gccagctgcg aatagtatgc ctctctttga cactacctct cggagtctca   480
atgaaccgag tacgtcttgg cctggtactg ccagagatga cgcgaatccc agcctccctg   540
tacatccgag tggaaaatta ttcgatcact cactggccgg gttcaattgc actgccttca   600
cacaggcaat ggagtcttgg caagcacacc ctgctgacgg atcagcctat ccttttttcag   660
atcactgtag gctacgcc   678

<210> 7296
<211> 670
<212> DNA
<213> Aspergillus oryzae

<400> 7296
ctcagggtca ggaagcattg ctgagataat aatggacgag accaagtatg ttgcgcatga   60
gcgccaggta gacgtgacag tacgggggcc tattgacatc gagaacccat tgagtggtat   120
tcctcgagat caactccttc gcgatgtcga agactatgca caggagtacg atctgcacga   180
tattcttcct ctcctgaaga agggagccct ggtggcccag agaccaaacc agtacgatga   240
catcccagag ttgagccctg aggatcgtca gtatttgcga caagagacaa ccaatcgctg   300
gaaacaccct tgggcactct attacaccat cattctcaat tctatcgccg ctgccattca   360
aggatgggat cagacaggat ccaacggcgc caaccttact tttgcgcatc aattcggtat   420
cccacaagat ccgcccgact gcacatctcc tgcagaatgt aatcgcaacc agtggattgt   480
cggcgccatt aactccgggc cttacatgac gatcgcgatt tttgctggct ggatatctga   540
acctttgaac cattggcttg gtcgcaagtg gggcatcttt atttgttgca gtgttcaact   600
tgatcgcttc catcgcctgt gcattgactc aatcgtgggg tcaactaatt ggcctgtcgg   660

gcctacttgg

<210> 7297
<211> 649
<212> DNA
<213> Aspergillus oryzae

<400> 7297
cactatgtca acatccgttt ttcttgctcg tctcggtctg cgccaaatcc cccgtcccgt   60
acgagttaag cgtaccattc tctctcctcg caggcaacac ccattcccgc cccggtggag   120
cagaacacca gagatacctc gaaccgcgaa cagatacaat tcacagaacc gaagtcaaca   180
tacacgcttc cacaatatcg ggactaccaa cccaatcacc gattaacctc acacaagaaa   240
agaaagaaag aaccagaaga caccggctgg tccctgtggt cgagtgcatt gaccgtctac   300
tttatactct accaaccatt cacggaaccc ttaacttttc caaataaaat aacccagatc   360
caaatggcga accggtggaa gtctattaat gggccgaacc gcattcgttg gccggtccgg   420
gcgtccctgg gatttaaccc taaggcgaaa aacaaacctt ttgcgggaaa ccccaatact   480
gcgcgtcgtg catgggattc agaggggcac aatcctttta tgggccgagg gaccgactat   540
ctgacggaag gggatatagt tataccgtgt aggtgaacta aggaggctaa cttgtagaaa   600
gagaagatat gatgcacgta tatatgagca acataccaat aaaataacc   549

<210> 7298
<211> 644
<212> DNA
<213> Aspergillus oryzae

<400> 7298
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aaacctaggc gactaaaagc cagccgctcg cttcttcttc tttgccttcg ccgtactttt   120
cctcccagct tctcgaccac caaacgcacc tggctcgact tgggtcatgg gaaggtcatc   180
cttcatgacc tgactgttct gaagtcgcac catgggctgt tcattgatct cgggctggct   240
gccccattct cggacagtag gtgctactga agtcgctgga cgaggagtga aagagtctac   300
tttctttatc ttcagcttgc gctctggagt tgtatcgtta gtgccccatt gcgattcctc   360
caattccagc gcttgtatag tcctttgaca atcatatgtt gctgggtcag gctccggtag   420
ccagtgctgt gatatatttg ccacagctgg tgatacaaac ccggtttcgc ctactatcga   480
aatcgtgtaa agaaactagt ggggagtcaa ggaattttag gttttacatt agatgttcca   540
tgaccctcgg ttgggagact actccaacac ttctttctgg gaatcaaacg gaacagtgtc   600
tgttcccgct cctgaattaa aggaaaaaat gaccggaaga cgcg   644

<210> 7299
<211> 621
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 7299
cgaggcatga catcacatgt cgattatccc caacttcaag tatggacaca aaagatccgc   60
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tcccaatctg accgagtcac ccttgaatac gataggcata ccttcttggt agtccgaaat   180
cctcactgc ttccaagaa taccaaaaat tcggcacctc tacgagcacg aataaagaaa   240
acagtatata taggtacgat aaattgctct tcacgtcaac caaatgcaat gtagggtat   300
actagcatcc acgaaaggc aggtattggt gcttcagatg cgcactctgc tacccaaggt   360
aatcttgaac catggacaca ggttgcaaag ggcgtgtccg tgcaacgagg tcccgaggag   420
atcgtgggaa ctcggccttc tgctgttat tctatgacct cgttccacag aaaatctatt   480
actttgatta gtacaactat ttgtcccgat tatcacataa ctgtacccat tcgctgtcca   540
aagttggtta accatgtgga tcgatcctaa ttctgggagg actcacggta attagttatt   600
tttgcttgca gtgtgtgact n   621

<210> 7300
<211> 100
<212> DNA
<213> Aspergillus oryzae

<400> 7300
attgtaccat cttaaggttt taatatgtag gacgcgacca tgatatatac aatcctcaaa   60
cggcgatgga gaacgacttc gagatcatga tgtctacaac   100

<210> 7301
<211> 644
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 7301
aagctacctc ttctccgcac atcactctgg aatgtgggtt tcggcgcatt cgctcggcca   60
aagattctat atccgtacga gtaaagaata acaggacatg agaaagatcg cttgcatcca   120
tcacatttcc agaactccac tgctgaagca ttcgactaaa tgccatttca gctctgacta   180
aaaggccttc atgccattga ttgctttccg ggtacgccgt cacatgtgca atagaacatc   240
ttcgttcaca ctcccctgcc gacttaagtc tccccggctc cgccttttcc caggagcccc   300
gtttggtccc attatgcgac ccggtgcgaa tgataggaga gagcatcggg tctccggaaa   360
gtggcgaggg agagcgaaac cagacggaag ttaatgaaca ggtagataaa tggagcagaa   420
agggcgcaag aaagtcaagg acgtaaaaag ataaggaaaa aattgggagg ggggggggaa   480
taaatcataa atatcaaagg tcatcaatag cgggtcgttt ggcacgatat cttgtggaag   540
gcatgaatga atcaagacgt actctcgtaa gatctgccgc tcgcggcttg aaatggaaaa   600
tgaaaacctn ctatcctaag aggaacccctt acaacccatc ctgc   644

<210> 7302
<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 7302
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ctctactgct cggcagagcc ttgcaagatg gttagggtac aacaaggaat tactgccccc   120
agttttcaag gaggctgctg agcgttatgc agagaacggt gctgtagcga aggtcggcaa   180
aattgactct atcgagattt tacatcgtaa cgatggcagc agcccggttc accagtctca   240
cttcaaccgc aacgataaag cyctyattat cagcgcccga atcgcccccg ctgacggtac   300
tcggcctcga acccaccaca tatatgccga tggtaccggt accatcaaga agggcgacaa   360
gcgcgaatac tcgacatcct ccgggcatga ggcttaagca cgcccttaca ccagctgcta   420
tcaggcgggg tgatttatgt ggagttgaac aatcgactgg gtaccattta tcgatcttgc   480
gcacttgcag gatgagggct tcagagcaac ggagctagtc tatatttggt tagagaattc   540
tattttgtg tacagcgctt cagcggtttc gcagaaatga ttcgctagat gaacaagaat   600
tcggcgcttg ttatattttg gtcgcaacta ttaaccaatc agaattacct taagcctcag   660
caaa   664

<210> 7303
<211> 695
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(695)

- 2594 -

<223> n = A,T,C or G

<400> 7303
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tacaggtgaa aagcacttac gaccgcatta cgccgccgcc gatcttgcga agattttcct   120
ggaccttaag gttcaattga agtaattccc gttcgatcgt cgccttttct cgtatttcgc   180
ttattcttct cctcctgcct tcctgttttc cttccagccc tacctttttcc ttgtataaca   240
cacctttttcg atatcgtact ctctggatat accgtccgag tctacgtcat cgtcgatgca   300
gtcgcagtca ctgaccttct ttttcttctt aaaccattga aatcaaatcc atcaatcggt   360
cactcttctt ctaccacgtg cctcgcccat ggcgaaacct ccattctttc gcgaagcttc   420
tcaacggccc naataccggc ggagtcttcc aaaagtcttt gtgccccgct acttggcttc   480
cttctttatt ttaatcgatg gaactccctg gtcttgggcg cattggccaa ggttccaaca   540
aaccgtcttc cgcaaaccgg gttcttaaaa ataactttc aaaattatcc cgttttttcgt   600
cccaaggccg gctggataca agtttgggcc aaccattggt tccaataatt taaacccgcg   660
ggtggggaat ttttgagagg gaccaattaa gggcc   695

<210> 7304
<211> 711
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 7304
gggagtgtga ttagtgactc ttcgacatac tgtgacgtaa gatgctcccg ggggtgagct   60
tgaagcctct gcagccgccg acgtctagtg cgttatggca acacagtctc atctactggc   120
ggatctcatt aaagtatacg cttcaattgt cagtgaacct accgccttgg tcgggatagg   180
ctgtctgtga gagtctgacc tcggaattga tataatatgc gagactatgc cagtcacaga   240
acttgatcat gatagtgctg acttatggga tcagatcgac attgcaggca ttgcggtgtc   300
aagcattcac tatatgtcga acaattgcta tctaatatgc gatgggtaat ggtggagata   360
ccgttctcga tagcgattaa tcttctgata tgcttacaat aatgggtcgg aatgctgagg   420
gaagagacat tggcttatgt ctttacaagc cttcttggct gtacgtattt gttccttttg   480
gaagataaac tgcaaaagtc ggttcctggt tgtacatgtc ttgcatcttt gagcgtgcat   540
ggtatattgc tcttttaaatt gttttttttct acttccccct cttctcatgg gtagttcggc   600
tctcatggct gctctttta ctagtcaaca ctctcccgga agnaaaaaga aaaattcgcg   660
gctcatttga tccaggggtg gaactgggga aatttgggaa acttttttttg g   711

<210> 7305
<211> 666
<212> DNA
<213> Aspergillus oryzae

<400> 7305
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agacatagtt cccgatgcgc tcttggtgga ccggcagccg gtctcgggaa ttacggaccc   120
attctttgtg gatgatccca tcatcggcac gcttcttggg cttttcgggag ttactgatac   180
ccgtgagcag ttgtatcagg actataccag gttgcagcag agcaagcaga gcatggggtc   240
agagcaagat ctttctgaca ttcagaatcc aatgcgcttg cttccaggcg atggggaaag   300
tctagatttg gtgtatcgtg gtcccagggg ttcgcctttg agtctcgcca ataccactga   360
cggccgagc gagctcaact cgccatatga aatgacagaa cctatacgta gtgacatgga   420
caatttcacg ctgtcagagc agcctttgga caatgatttg ctgttacagt tgctcagcaa   480
ctccgatgat aacatgggaa ccttgtacgg caattgatgt gggcattcat ggctggaaac   540
agggctca ttatgaaatt aggcgtgtcg cagtataga aatgtcaaac tgcttccggc   600
agtcaagtcg tcttatgccc gtggtcatta tagtaaacac ggggctaaca gccgtttgcg   660
tgaagt   666

<210> 7306

<211> 594
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 7306
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acctatacgc gtaatggtcc tgtaggagaa gatcgaagat tctacttcca agacgatcgc   120
ataatccctg cagagatggt ttcccgtatg aacagaagtc aagagaccag aagccaggat   180
ttggaaggta tcagcagcca atgctcactg tctgacgacg gggagtcaca ggaagagccc   240
acggaggctt gccactgtta ccgggatact gagatcgacg agtcctctca cgtctttaat   300
ggagatatgg ttgatggcat gaaagctcca cgggtgcgga agcatcatat gcggggaggc   360
tcggtgaagg gaaagagcaa gctggttaat ggtgaccttg atagacacac ctttcttgcg   420
gttttctgtc aagattaata cagcagtttc cgtttggcct cccgtggtag atcaggatat   480
gttggttttg cttccactga tgcatttagc tagtcctggt gactatattt cacctatggt   540
gaancanann aanaagggag aactntacca cttgctttag tcacctccta aatc   594

<210> 7307
<211> 61
<212> DNA
<213> Aspergillus oryzae

<400> 7307
agaaaccggc gcccttgatt taaaaattgg ccaccccccg ggaaaaggct gtttggcttt   60
t   61

<210> 7308
<211> 713
<212> DNA
<213> Aspergillus oryzae

<400> 7308
ggcctgtggt acggtatgag tcaagttata tgatcccgaa ccgcggatcc gattaggtct   60
ccccgttgga ttgcagggcc actctgcgca tcatagattg tgccctgaat gcgacctcat   120
cgctcgtcat gtctctatca gactccgggt ctcccgcggt tgcaataata actcgttcca   180
cctttacta tgcgccctgt acttgtcaag gcacaatttc tgtcaatggt gcccgcgatg   240
agaacgcgat attgagctgt cgtacagagg aaatcgttgc gattctctcc ggtgacgggc   300
tgtaaagcta gagctcattc attatgacgc tgctatacat aaggggacta gccccctacc   360
aaccaggtga caacggtacc gatgtgatca ttaacgaagt gcacttcaat cgaaccacac   420
taaacaccta caactacggg ctctacacca acggaacact ttccaatgga caaactgcta   480
cctaacccTT cagcgattca gacctcatat gttcgtcgag aatggaacgt tcattcacgg   540
gaacatcgtg cttctccgcc cattaattga tatcggccat catgcgtgcc ttcgggcttg   600
gataatgcgc tgatattgag gcaaactccc accactccca ttcaaactca acctacacta   660
aagttcgacc gataccattt atagtaatga ccaaccgtct ggaattacta ccg   713

<210> 7309
<211> 761
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 7309

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gccctcgttg accttctaaa attttccgct cgttcttcca cctttctccc tctcgtgacc     120
ggagtcacgg gtctacctcc ccatcccgtg accggcattt catcacgggc tgtcagattt     180
tactttctca aggatccccc gaaacttaat ccccgcgtgt cataaacatg cgcgacatgc     240
cgtccagatt tatagaaatc ctcgaccccg aggattctca ttttcgtatg tctgatgccg     300
acgtccggct ggaagatgtc ctagcggacc aagaggcgct cgccagccgg ccccgttcct     360
ccacgcaatc gtcgaccaaa gcgggtctcg ataaagaccg gatatatcgg gagggtccat     420
cgtcgccaca acagcggtgg aagcgcttga gcacgatcct ggtccctgcg agacggggct     480
ccaactaaac ggaggatctc tccgaccacg ttcacgctag acgtgatcat caccgtcgga     540
atatacaata ttcctgacaa gaaatcaata cattttttc ccgcatggtt cttcctgtcc     600
agggagaccc aaaatanaaa tcgacctgcc ctgcctatgg atggcggaac caacccacag     660
ttacgggggt tgtggattat gaaaaaaacc aggtttcggc acaaaacagg gggtcgcgcc     720
ccatacccaa ccaggatttt ttttttaca ccccaacccc n                         761
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<210> 7310
<211> 715
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

<400> 7310
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ttggatcctc tagagcggtc gacaagtatg tatgtctaaa gctacatgat cagcctgaac     120
cgagcataac tcgagtgccg agactcctct gatgtatatc gagatgaatg acaaacctac     180
gggtccgttc ttgagaagtg ggctgagatt tctcacttgg cgaaaaaaag gacgggcgag     240
cgggaacctg agtcagacga aatacctggc tacttgggat ctcacatgac ggtgttgtgg     300
aagagtgcat ctattgtcat tgctggagtg acggcagagt aggggtctaa agaaacccat     360
actgagtaga gatggagaag acaacaaaag cccaagacga cagagacgac agaagattaa     420
agctatcaga gcgagactat atcactattc gaaacctgcg agtaatttaa caagaagtac     480
acatcatcat tgttatcaat tcgacgaaga catggtcgaa aattcttgcg gtgtatatgt     540
ctgttgtata tgggcctggg cattgttatt tttcgccgtc tttatgtgta ctaacacttc     600
cattgatacc ccagaacana agatgaacgc ttaaacagca ccaaaatcag gagaagaatg     660
gcgctgctct aggtatgctt ctgggataaa aagcgatgtt gaaacctctt aaaaa         715
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<210> 7311
<211> 692
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

<400> 7311
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naacgaaaga acagcattgc atgtgaaaac acaccctacg ccacccagct cgcttccaag      60
cgaattaacg tgagcttccg caagccctag ttatccggtg gctattcggc catttcacgg     120
tagttactcg gtagctgtca agagttcgtc ttcggaacca tagttccaga gacccttctt     180
cgaaatctag aagagcccac tattgcttac ggagcttaac accacctagt ccgtagcttg     240
cacagctcca ggcggagggt tgcccttctc tcttcaagac nggacccgat tccgaagtac     300
tgggcacgca gaattggtga tacacagtat ggtgcacgta accgtggaaa aggataagca     360
atgcctcgtc atggtggagc ctcaattagt ccgacactgt ggcgcatttc ggttctgttt     420
ttccaatttt gaggcctaca gtggacgct acaaacacat tgtgagggc cacgtctaaa     480
ttaatggggg aaaacttatt gcgggggta ttattaatca aaattctcaa aaatttgaga     540
aaaaaattgc taaggggaa gtgttaacaa aaacacattt aatgggcccc caatatttat     600
caacttaaat ctttatgggg gagggccaat gggtagggtt gaaaacaagg gtcttttggg     660
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- 2597 -

aaaggtttta ttcccggcta ccatataaaa ta   692

<210> 7312
<211> 680
<212> DNA
<213> Aspergillus oryzae

<400> 7312
cgactggaga agattataca gcaaactaag aatccagaat gcatgatact gctcggagcg   60
ctttatgcgg aggaggtctt taccagcgag agaattggta gcaaggaaga caagtcatcc   120
gaagccaaaa aggcgatcag tcttctagaa tcggttcgcg ccctctggaa ggacgaaggc   180
aagaaactct cacctgaaga gtcagttttg gtgtatttgg ctcgcttgta tgagcgtaca   240
gcgccggaga agagcatgca gtgcctgtcc cagctcgagg aattgcaact ggcagcaatt   300
gttgaggatg aacatcgaga aggtcttgaa aatgaggagc agctcacagc tgctcttcga   360
gtaaacctac cgcctcagct tctcagcaat atgggttgct tcttgtacca ggctgagaag   420
gtagaccaag cacggactat gttcgaaatg gcgttgaatg cctgcggtcg gtcccaagag   480
atagaaagcg agcatgacac ggacgccctt gtcacgacta atagttatta tcttggacga   540
acatacaatg ccctccgaca tgcccggagg aagcaaaaaa aggattttaa gggtctttta   600
aacactctcc ggggattatt taggaacaag gcgctttatc gacacttttt tgttccttct   660
ggggagccct acgagaaagg   680

<210> 7313
<211> 706
<212> DNA
<213> Aspergillus oryzae

<400> 7313
cgtctacgtc tgcatacctt tcgttcctcc tctcccgcgg tctctcctgc aaactttcgt   60
gtcagatcca caatggccga tcttatcgaa tccgcaaagc gcgcagccgg tcaggctgct   120
gtaaagaacc actaccctaa ggatgccaag tatgtgggca cttggcagag gtccgacatc   180
cgatattatg gttagcccct ttaggagtat atgaaaatga tcctaagcca cactttgtca   240
atacctgagc taatgtgttt gtaggtcgaa agagctcctt acggctgata gatgtaatcg   300
cgtcatgata ttagtctatg tggatatatt gcgacgcccc ttacggatta gacgtatata   360
attgaccaca ctcaattggg aacagatgtc aaagcttagt aacccggtgt aagagtctcc   420
ctcacttcgc gatgtggaaa gaagactaca ctgctcgaag cgtcacgaag cggtggatct   480
tctatgacga cgatgttact cacgacattg tcgatagtat ggtcttcccc aaacgtatgg   540
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cgatcatgat gatgctgacc gatgaagatg acgaggatgt ccgatgagtc atgagataat   660
agatagacga tcgaggttgc tgattgacat cgagaacgat cggtcg   706

<210> 7314
<211> 640
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 7314
caggagaata gggttgttag gcagcgtccc taagctggca tattctgagt atctgaagag   60
cttggttgtg gcatacagcc gaactgaatt cgacactgac gcggatccta tcaagcgctt   120
cacgcggtct cacattgagt tcgtcgatcc tgattcacag caagccatct gtggtccgga   180
ggataaactc aggccctgga gaccgcatgg agcagctgga gagaaaatca gttgcattct   240
agagtggaca cccagaaag gtgatgagga atatcacttc attgttattg gtacggcccg   300
tanaaaccag caggaccgag gccgggtcat ttttctacaa acgtcaagga tgtcgtcaga   360
tccttcgcaa atcgaatgaa ccgtgaaata tgttcacaaa tttgagggac cggttaattc   420
gatcggacca tagggaaact ttactctaag ggtttcaccg tngcaggaaa ccgcccctta   480
aaaacccaat ttttcacaca ccaaatggtt taggggcaaa agggaccctg ggccccttcc   540

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aggggtttat taaacctctt agaccccctt ttacaatgga aatttaaggg gattttttta        600
accccgaagc gctggggaaa aacggggccc ctctttcaaa                               640


<210> 7315
<211> 730
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

<400> 7315
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cgtggtccct aatgccgcat tacagggctg gcgggacata caccaacatc tgcgctggcg        120
ctgatgacca tgacccggct gtacgggtgc acctttaccg gggctaggaa tgatctgcct        180
aacagcggga ggacaccacc gacttgttcc atattcacgg gcggacaaga acgtataagg        240
acgccgaacc agatgctcac caacttctgt atggaatgag agaaagggga gactccaaca        300
gaggcctcgt tgtggcgacg ttcgataatc gcaaccacgg tgacagaaca attgattcag        360
tcgcaattca ggactggaaa gggggcaata tccagcatgc acaagacatg ttgtccacga        420
ttgatggaac caccgacgac atcaaactag tcatgaaata cctggcgtct tatgtcgatg        480
gcattttcca tccgacccag ttcatagtga ccggggtctc cctgggaggc cacatcacat        540
ggaacatgct cgccgaggaa ccttccattg ctggtgctat tatcatcgtc ggatcaccaa        600
acctcactga tatgctcgtg gagcgcctgg gatacgcctc cctatccgac ataccacana        660
acacgaagga gtggccgagg tccatcgaaa gtctatatcg agagcgtgac ctagcactcg        720
aaaagatagt                                                               730


<210> 7316
<211> 708
<212> DNA
<213> Aspergillus oryzae

<400> 7316
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attcacacat cgcttttgta atatcatcaa agctgaacct agtcgaatca ctgaaacact        120
gtatcagtcg gttgttcatc gcatcacttg tcttcgagat gaagcctgtc gtgtcggtgt        180
tgaatgcgtg gtcctgcgcg atcatatccc ttttcgctat tgtcatcctc tcggtcctcg        240
gatcgttata caaggttcgt ttgctgccgg atccgccacc agatcttctc gcttgatgat        300
ggcgaacttt gttgtctgtc ctgcgtgtgg tatactagga gtggtagcta atcgagatac        360
tcatagaagg agcaccacgg cttcaccggc tcagagggtg agcctgagga tggcgctgcg        420
gtcgcggctt cgatcttcac agccgtgttt gtatatgccg tacgatttgc cctaccttga        480
cacagtaatt agaataccac atcgctgaca gtggcaatct ataggccttt ttcgttttct        540
gttctttcaa gcctatcttc acgtacgaaa ccgcagggga ggcgccatat cgcttaacta        600
attcgccact attgttatac cccttctttt cgatgatgaa attcccaaaa tttgattctt        660
tggccatacc gagatataac tatgttgccc ggatgatacc accgaggg                     708


<210> 7317
<211> 573
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 7317
tgacattcca ttatatcgaa gatttctcga aattacttca gcaaatccgg ctttgtttga         60
agaaaggttc accgaaagat gactctagga aaggggggag gttaatcttt tcagtggaac        120
```

- 2599 -

```
atcccatctg cacagcccca gttaatccac aacctgactg gaaggttctg ccaattgaag    180
atggcgatgg agtgggtaga aagatttggc ctttgaactc ctacagtgat gagggtccgc    240
gcatgacgag ctggctgggc gttgacgggg tcagaaagta tcatcgaacc gtcgaaactt    300
atgtgactgc tttgcttcag aacggttacg tcctgactgg gttgaaggat tgggttcctt    360
cggagcatga cgttgaggag catcccgaat ggaaggatga aaggcatcgg ccgtattttc    420
tgctcatctc tgctgagatc cattcagatt attagaatga atctgttaaa ggccctggtt    480
gtaaagcagt attgacctag gtattctaac ttggatcctc attggacgaa tctgaaaaca    540
agcatcatgt cctcaaanna aaaaaaaann nnn                                 573
```

<210> 7318
<211> 176
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 7318
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aagccagaag cagtgtagga tngtactcat tggccgagga cttgggccgg atgcacagcc     60
gtggcanagg agttttgagg cctttntaga gagggatgag tagtacaagt caattgcagg    120
attatagagc ggatgagtgt gctatatgta tagagggcgg gattcaagtt atacga        176
```

<210> 7319
<211> 773
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 7319
```
cttagtgaca ttgagaaana ncagtttgaa tgcttcgagt actatcaggg aaantaagnn     60
nggnnnnngn gnggnannca gaannggaac gaaggttnaa caatccttcc ctcgcgcaca    120
ccttcaacac cgtgtgtgct tttggattgc aacaatcatg gcgtcgtctg atgtcaaaga    180
tattgaacat ggcttggatc ggagggacaa tgaatcggag aagcctcctt tcgaggacaa    240
cctgaaggag gagccgcccc agctcgcagt ggacgccttt gtcgctgaag acacggcgaa    300
ggtcaagcac aacactttga actggtgcca atgtgaaatc ctcgagaccg ttgacacagt    360
ctgtgtcggt gtcttgactc gtgacaccac tcttgctccc atgggtctta tcccgaatca    420
tctctcatag tcgggctcgg gatagttgcc acctcctact gaggttatac catcgcacaa    480
ttccgacaca aatatccta cgtgcacagc atggctgatg caggtttcat cctcatgggt    540
cccatcgggc gccacatcat cgaagtcgga cagctgctgt tctttctgtt cgcgtgtgga    600
agcacctgtt gaccttcccc gtgtggatga cacccctaac cgaccatggg acatgttcca    660
ttgggttcag agttggcggc ctggatctct ccttgaattc tccttgcccc aaccatgaaa    720
atgtntcctg gttcgccgaa acctctttct tgagattttc cccgcggcga cat          773
```

<210> 7320
<211> 669
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 7320

```
aaccccatca cggggatttc agtagcgttg cccatcatga attgcccgtc gcgtactgat        60
gatacgctct tgcatgtcga gtggaatcag aacccgccat ttctggcgcc agatctgacg       120
actcgccaag acttgaatgg aatctctaac gcccgtgaga ataaggaggg agatggaaat       180
ggtagtgatt ctggacagtc gttggcgtgc ctcagtgaca aacggaggat gaattccctg       240
ccgattgatc cagagaagaa tctaatgtgg gataatgggg cgtcactgac ctcgaagtca       300
ggacgtccca ttgacccgat gaccagctnt aatgctggtc agcagagtgg tcgtggtcaa       360
aacaattctc aatcttttca aacattcaag agctgggcat cgtggctact gtcggttctc       420
ttcacggcgg cattgatttc ccataatagt attgggcgat atctgcatgg cccggaggtt       480
cccccagtcc cctcatcagg tttcgaacca attgaaagag accttccttt caagaaagag       540
gaacatgtgc gcagggtggt gttgggggta ncaagtacaa ccttcctttg cacgttggcg       600
ggctgttcat atatatgtag tttcgacact agcctgcgcc tttccggtct tgccatatgg       660
tttccgcgt                                                               669


<210> 7321
<211> 640
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G


<400> 7321
cagtctgtgt cgatcatgtg gttgtgatcc tgtttgggct aaatgacatc tcagtgacgt        60
tcaagtttac cacgtaaaca cagcttgggc aacgtttacc ggcatgtcgt cagtgcagca       120
accgtgccat attatcttcc aggacaggaa caaggatatg agctgcaccg tgcttgctgt       180
cttgactgac ggcggggcac atgggacctc gaacgcttct atcatgaaag gactcgtgac       240
agccacttcg tcatcttgaa agccgaataa aacccgcgcc ccttgggaac tcccatggtt       300
acctcaggga cttgcgcaac agacgaaagt ctaaaagtac aaaacatcat aacgttacaa       360
taatatatgg agcccttttg atttcaaaga tacacatact tgccgtaaca atagccgctt       420
ctacctttac gcaatcttca cctggcgtcc ggttcatgac gttgatctcc catttgtagg       480
aaggctctag tcacatcatt ctggccgtga gtcaatagaa gcctaaggtt tttctgtgcc       540
tacactgcct agataatacc aatttcagtt aactggnnaa ggantnnann gncaaggnng       600
nnnnnnaaac tttcctgcgg ccgagaaatt cgaagaattc                             640


<210> 7322
<211> 642
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(642)
<223> n = A,T,C or G


<400> 7322
ataattggtg tggatatgaa gaaagaattc gctacagtta ccttccgccg aactgatggc        60
accattttct cgcgacctgt acgcggtatg gtgtatgcga ctggtcgccg gggctccctt       120
ggctacctgg agcgtggact cctttctgag attgtggggt gcgatgataa aggcgatgtc       180
agccgaggg tctctgggca aacttgcga cacaaagcat ttgaaacat ggaaatgcg       210
aataatgtct tcatcgttgg cagtttgacg ggcgacactc tcattcggtt tgcacatggc       300
agctgtgtt aaacagcagg caaactgatc cgtacatata ctgggaaaa caatgcaaag       350
tccaatgcgg cggcctctcc gcgaccgcag ggatcatcac caggggtgat gcagggcttc       420
gatggccacg atgtttacgg aaacggaaac cacagggccc aactcgataa aatagatagc       480
tgcggacgg agtaccctat gccgaggag tcagtttgc ttgaagcat atggaaagca       540
ctaacggcaa tctggtaacg atacaatgtg ctataatccc ttttctatac atgcatgtct       600
catatagatt ctagaagtca tgtgcacacc ctttattngt at                         642


<210> 7323
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<211> 666
<212> DNA
<213> Aspergillus oryzae

<400> 7323
taccacaata tagacaccag aagctctgag ccatccccta aatacaagtg cgatgtccat   60
cctgcttttc tgaaaacttc taactccggg ccactcttcc aaatcgtttc gcaatgatac   120
ttcagtgctg gcccattcgt gtgctcgatt caatcatctt cgcggatttt cctcaccatc   180
aaaagtttcc acgcaatcag ccttgccgaa aatacagcag caatttcgca ttctcccggg   240
tgagccttcg caggattctc cgctcctgac gcagccacta ggggtaaaat ctcatcgctt   300
ggcagatgtg cctactttga ccacatttta cgacaacatt gatgatctgt cgcatggagc   360
tgagggtctt accaatccca agccgtacat tatgccttta ctacagaaga catcacataa   420
agatccaccg accacagccc tgagcttatc acactcatac ttagagcatg gcggtttggg   480
gatcatcgcg acttgtcaga gagggcgtca gagtgaccca gtggtcaccg atttagctag   540
tccgaagaac atccctggta ttgaccaccg atcaactagc gggacttacc aattgtcttc   600
tgcgagtagt tccagtgtga acaaaccagg ttcgcagaat attcacctga tgcgtcaagc   660
aactcg   666

<210> 7324
<211> 655
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 7324
ctcgcacgtc agagtttcac caaagccttc actcatggct atgctcagtc gggagttgcg   50
gcgtcgcagt cttcctacgc gtcctccgcc acattcaatc aactcgccaa tcaaccggcc   120
aaggtctccc ggagtgcatt gcaaaatgta ttccaaccct caagttcttc cggcgctggc   180
gccaaagcca gccagggcgg ctcgggctcg ggagacttan gcctcgcggc gtattatgcc   240
gcgtggcaac acgctcagca gactggcgat gatagtgatt ggaaacagtt tcaggtgaag   300
cggaaactgg ggtggaaacc gtcgacgccg gaagaggcag caaagttcaa agaagatagc   360
gtgaactcga cgaatcccca taatttcgac tcggctnaca taacgaaagc ctccgccaat   420
gcccaagtta acgctcaagt taagaagccg tggctcgaaa gaattaattc cggaaaccaa   480
gcccaaactg aggaggcttc caatgaaagg ataactggcc ccttaggctt tccctgacct   540
accagcaaac ctggttgcct tgccggaagg tttcacggag caaggctcaa atgtttccaa   600
tcgaaatgtc cacttggttt ttaccaaaaa gtccccgaga tccccaggca ttttg   655

<210> 7325
<211> 671
<212> DNA
<213> Aspergillus oryzae

<400> 7325
ctgctgtgag cacccacccc tgtatttgcc ctgtgatcag actgttaggc aatccatctg   60
gtcacagcct tgtggtttat ttcccacaaa ctgtccgttg atgaccgatc agctgcggac   120
ataagatatg acgaaagggg ccatctccca tcgtctctt gttctttaga gactaccgaa   180
agacagatct tccatgagca ctgtttggat ttgatcagag atccactgct cgactaagct   240
ttttcaacgg gtccatcagg cagatgaatc aactgtcacc accgggccag aaccggtgtc   300
acctcgaaaa tctacctgtg gagatcattc aggagatctt cttccactgc cttgaattca   360
atctcccacg ggcctctctg tatatctcca gagtgctttc tgattccacg gtatacactt   420
ggcttatccg actcgccttc agcagcgcga acgagggctc aaagagtgat ttctttactc   480
ccgactttct accaccgcct ctgtgcttct ttgcgctctc tgaacatcag agaagggacc   540
ttcaacatga aatccttgct tctcgttggt gcacactacc cttgatcgc aagtgccaaa   600
gggagtacgt ggaacatgcc attcgccgca agtgtcgaaa tctaaagttg ccccctgaag   660
atcactatac c   671

- 2602 -

<210> 7326
<211> 650
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

<400> 7326
```
cgagttctag tgtgcccgcg tttgagaggc cgtcaaatgt caggggggctc ctgttcgagt        60
aaagattatc cacaccatgt gccgcgcaga cattcttcac gcatcccggc ggcctgcgct       120
ggcagggcct ggtcctgcac aggcgtcttg ggggtgaaac tgtctaatac ttatccccgg       180
acaaacccca ctaatctgct gtcagatatt actcacagag actcagtcaa ccaactactc       240
ggccacaagc atggctcgtc tgtcaatatt ctgcctatca tacttcgccc ttacctttct       300
ctcctacgcg aacgcttgga cgctaacctg gcgaaatgay actggcgccc aaatagtcga       360
tggcgactct gaacaaaact gtaccaggat ttaccatacg aaaggcgagg aattctcatt       420
caaccccgaa ggcaagtggt gcttgaaatt ttgggacgag gcaacatgtg aggcacagat       480
tggaaaaacg tgcgatgggc ggagatggca acanattgca tcacggaata tttctgcatt       540
caacgtctac gcgatgccgc ctgctgacat tagcgcgaac cgtatggcga gtacaagtac       600
gacattcact gtaagcacat catttacgat cactaccacg gttttttggg                  650
```

<210> 7327
<211> 525
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 7327
```
gcattattct acgaatgttc gatttctctg atctccatcg atctgattct tgtctgctta        60
ttcatgcttt ttctccccgt cgaccacgtt agcattgcca gcatatcctt tccattcaga       120
tgataagggc atgtttattc cataaaatcg cgcacgaagc atacctagcc atcaacgcaa       180
gccaaactca tggacaaaga gaaccagaaa agcacaagag aaagggaaaa atacaaccaa       240
ccattccacc gtccttccgc atcccatgtc ccgattgata aaaaacgaag cccaactggt       300
ttgcggctcg agagggtatg aaaaaaagga aagagcaacg gacaaaggga gaaagtagga       360
ggagaatagg ctggaacagt gtcttcatga tttccccttt tccatcctgt tttatcatgt       420
ttcctttttt acccttcttg tctacgagct taccttactt accgattttg cccatctaat       480
gaatcaatta acttcttttc ttcttcaaaa naaaaaannn nnnnn                       525
```

<210> 7328
<211> 808
<212> DNA
<213> Aspergillus oryzae

<400> 7328
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caaatgtcaa tctgtgtctt cttccgtact attttaaaac gacgcttgat ttccaatact        60
agcgagaaaa gacctcgata tgacagcaag ttctggacaa gcaggctcct gcaggaactc       120
gaaatgcagc cactggaatg acgcgcataa tagattcacc tgcaaggaag ctggctgccg       180
gaaacagtgg aaaatttgcc aaactggcga ccacggaatt tccggaaaat acgccatatg       240
ttcgaaatgc aaagatcatc ccgcaggtgg ccccgatggc tttatggagt ggatcgacct       300
gacacaatga acatacttca atcaaccttg ctaagccatt catcgatgaa ttcctgtcag       360
ccggtaacct cgatagtacc ggattccaca tcgtccacac actcatcgtc agaactttcg       420
atatcaatcc atgagtgctg gtatatgggc ttctcattag ctggatatcc tgttgaccgt       480
agccagctga atattccgcg tgtagccgcc tctgacaatg attccgaaaa caatttaagg       540
tcgtgttgtg ctgatggata tcgttccggt acatgtgtat ttaaaccatt ttcattgtca       600
```

```
gaagtaagat ctatgcccag atcttcaagc tcttcaccat ttgcaagaac ccagttccaa      660
gagtgatact ctaaacaatg gcatccgcaa catgcatgct gccgaacctg aggttctgtg      720
tcatacagaa gagtagcacc aaaaggcttc caagggtaaa ttggaactct aataaatcca      780
tcgcagcatg taatgaagag aaggcgac                                          808


<210> 7329
<211> 681
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

<400> 7329
gccaggcaac ggtcgcttcg ccaacaccga cagcgtagct ctatggatag tgccgatgaa       60
tctgttttgg gtcgaaacgc tagtattgat ggctcggtag actctcgagg ttatcggaat      120
tcgaagactc taggtgatga accccggtca ccaaggttga ctgctcatca agaagctcta      180
attaaggagc tggaggccgt aaaaagccgc aatgcatggt atgcttccga gcttgcattg      240
gccaagaagg ctggttacac gccgaatcct tcaagtagcc caactttaaa cgagcgtgcg      300
ggtgatgcgt tcgctgacga agaccgcccc ttgattgagg cattcctcgc aatgagggcg      360
gaactcgcaa agatgcaggc gactgtagat cgacaagctg ctatagcttc caagcgggtc      420
gctgaggttg agcaccatag acatgtggcc gtcaatgaag cggcttatgc tcgtgctaaa      480
cttgccgctc atggtggtag tcaaagagga actacacagc ctgacgggcg ttctcaggat      540
tctgaggaac tgatgacnga gagagggact gatatcatca aaagattggc tctatcgctt      600
gcatctcatg ttgaagctca agcacaactg gatacggtgg ctagtgagct tgaacaacaa      660
aagcggggta aaaagcttcc t                                                681


<210> 7330
<211> 628
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 7330
cctgctcttg agttttcaac cttgtataat gttacgtggc cttgttcgct tacttcattt       60
ccctcgtctc cgtttcagtg cagtaagacg aagttgtctt gattggggag ctggtggctt      120
cgtgccgctt agacaaaatc tcatgtgatc gtctagcatt cagttgagtt gattctgtta      180
cactaacttt ttgagttcta tttgcggttt actatccggg ccttaccatg catgttcatt      240
atgacgcata cttgatcggt gttttacaat ggtcgatttt gtgggagttc tgttcttgtt      300
ctaatgggcg ctgtatttct tctttctttt cgttttcatc atatctcttt cctatgagag      360
cattcgatac acgctgttac dacaatacgc gaagtgatat ccgagcatat cctacgaggt      420
ggagttgcag cactctaacc ggtcagtcgg gttgtacacc ggttttgtgc gactcgatgt      480
cattccggtc atccttactg tgtgacaacg ctggctcttc ctggtgtctg ccacggacga      540
ctacttcctg tgtcatgcaa cgtgcgngtt accttgtgtt attcccattt tgactgcgat      600
cctgccggc tgtgatgatt gaaatgct                                          628


<210> 7331
<211> 562
<212> DNA
<213> Aspergillus oryzae

<400> 7331
cgaggcacaa cacgattgct aaatactaca ctaatctcct ctgcagggga actattgccc       60
cccaatattg tgttaaacat gccaccgccg tcgactcaca gaaaagatgt cgaaccccccc      120
```

```
gaggaaatca cctcggaagc tgttcgagga tttctgacag gagcgtttcg atttggctcc      180
gtctctattc tagcgcatat gatcatgatc cctccccatc cttttcaagt tctcttcctc      240
cgcaacacca cctgcaccgt cacagcctca ggcccaatcc tcgccccgac caagaccgtc      300
gcttctttcc aaagactaac ttcgatccaa gctattttat cgccccctgg aaaggttctc      360
gggatggctg gcttccggct tccggatcta ttcgggtctt aacccccaaa caaaggtttt      420
tttccaaatc caactattac tcttgagggt gtttcttggc ttagagaagg gtgaaaaact      480
taattacctc tttcggaaaa accaacgggg gggaacggtg ggaggcccac aaggcgggaa      540
aaaattccgg gataatgacc gg                                              562


<210> 7332
<211> 639
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G


<400> 7332
caagggccgg cttccgggcc ggccgttttc ccaggcgccc agggaaaaat ggaccaaccg       60
gcaaaggaac caccaggctt cgcgggacct tgccgttcgt ttgaaccaat ggcaacctga      120
cctgctttcc gttccggact ctatcaccat tgaacaagcc ttgattatcg gcggctataa      180
aagccagtct gacatggaca aagatctcgc taatcgtgag aaagaactga agtaatgaac      240
tgagactaat ggcattcgca gagtgtcgag ttatgtacaa ttaccttctt ctctgggcat      300
ggatttgtct agccactttc tatcctatcc acataggatc acttctctgt ccacctttat      360
atcatggact ttgttttaa cgtcagatac ccattgtcat gagcgtgcga gattcgttga      420
atggatcgtt ttttgttatc attactgagc aattccaagc ttctgacagc gctacggcat      480
cgccttgtct ctcttcaatt tcctaacatt tcacagtcat gacgacgaan agtccctcca      540
aacctcgttt cttgcgtaaa gaccgtttca cgattacagt gtcacccgct tgcaacattc      600
ngattcttgt aaattctnca aaagaaccaa gcttgctca                             639


<210> 7333
<211> 629
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G


<400> 7333
gtttcttgtg gaacatatgg ttgtattatc atggaactct tcctgcagca ccaaggagcg       60
aacctcccgg tttctgaaga tgttgtcaag gcagtggcag ggagtttata tggtgggcat      120
aaaactatgg agactctatt tcgatacaga ggggagaatc tcccagtctc tgaagaggtg      180
gtcagggaag ctgcaaggaa taatggagat catggacctc aagtcctaga ggtcctattt      240
caacaaaggg agaatctgcc aatttctgaa gaggtagtca gggcagcagc aggaaataat      300
ggaagatatg gacttgatat cctaaatatt ctatttcgat accgagggga gaatctccca      360
gtcctgaag aggtgtcag ggcagcggca gggaataatg gagattatgg acctcaaatc      420
ctagaggtc tatttcaa agggagattc tgccaatttc tggncggtc gttatggag      480
cgcaacggaa taatggaaat tatagacctg aaatcctaaa ggtcctatct cgccaccgag      540
gcaattatat gagggaagca ggggtacacc tcgtttccta cgaaggcgt gtaagcttga      600
tttaaaaccc acccatggtc ctcgtcccn                                        629


<210> 7334
<211> 630
<212> DNA
<213> Aspergillus oryzae
```

- 2605 -

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 7334
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ggagggtaca gtaatcgcgc tctgacaacg ggtgtttttaa gccatctgtc ggggctaggg      60
gatgcgacct cgtgtctggt gtctggcggn gtggatgaca aggccgatcg tttaactgct     120
gagatgacga atcgcttgng cctgcttgac atctcagcta atgtccaaca cgcatcaagc     180
ctgccggctt atgacagcgg gtggtggtcg ccagctctgc tagaggaact agaggcatta     240
gtatatccac cgccagcagt gaaacctcgt gagaagtcta caccaaccct actttgcttc     300
gacccaatca tttacccgct aaagtggtca ctacgcctcg tgatcgacga tctaacggct     360
tcccagatca gccgtgaaac ctgatgcgcc cgcatttgcc gccttgtaag ttggcctacc     420
ggnacgcatg aacctttcaa gattcttatt ccaagtcaat cgccaaacac aagctggtga     480
acagaagaat ctaaccccag agccacacct ttggcaccgg aacgtcaaac ggcggccaac     540
acaacaacgt tccgttcgct tgaattgaaa aaatccgata aacttccttg caagagaccc     600
aagacttctt taccgaaacc ccgacaagaa                                      630
```

<210> 7335
<211> 590
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 7335
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gcctgcagcg gaacaagtct ctgttgagtc tatcatacat ggaccgcgat aggatccagt     120
cacttgacaa ggtgcgccga gagatcgaaa gcgtcaaacg tgatatgggc gtcgcgcaag     180
gttccactac gagcacgatc cgtcgatcac taaacgcggc aaaacatgcg acagtgggac     240
ataaatcaag taaacatttg catgcgccgg gccaccttcg cgccggagtt tcgatgccca     300
acaatctggc agctgccgaa gcctcacctt tcctatacca cgacattgaa gtggtcctgc     360
aatccctgaa tcgaaaatgg gacgcggagg tttctcgcct acgtcgttat ctatttcgaa     420
acttcaacgt agccaatggg cttgaggttg aaactgctgc gcttgatggc gacgatgctg     480
ccagtgacgg gcgtcccaac acggcagcga gccttgcgac aatgctggac aacctcaagc     540
ttgacgtaac agtatccgaa aaggaagtcc agccgaggcc gcagacnaat                590
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<210> 7336
<211> 664
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 7336
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gagcgagcag gtgcgcaggc tcggtgcaca aagccgaacc aagaaagcca ttgcaatctt     120
cggccacgtc ggccgccaga acaccgtatc acagttaggc gagtcagact tcaagataga     180
gattcgaaat cctcgcactc agaggacgtt ggcccaactt ctatttgaga cgttcgtcag     240
cttcctcgaa agcgccgtat cgtccgtgat gctttggacg tttgccctct ttcgctgggt     300
ctggaaaact gcaaacgcta atctaattat ccttgccttg ttaatatcca gcatgctgat     360
aaatggattc tatacctcac gggacgccta tgattggtgg tacgaaagga aagccgagaa     420
tttcatggct cgtctgggag ttcacccgga ccatgtcatg agcaaagcta tttacatgag     480
ggacatcgat gaagtgattg caaactcaac cctcggacat gcgagcgacg acgtgagtga     540
```

```
cttgctcgcc accttccatc agcaaaccat acggaatggt ggggaacacg tgtncatcaa    600
cacgtgttgc ccgagagatt tagcngacaa gaagcgcagc cagaccgctc cagcagactc    660
gtga                                                                 664


<210> 7337
<211> 654
<212> DNA
<213> Aspergillus oryzae


<400> 7337
cctttcttag tcttcttctg tctttatctg tagaggttgc aggcaactct cgtctcctaa     60
ttaattcgga attgtgcaat actattctct gatgttgttt ctatcagtcc cctgtcttca    120
gattgaactt gatatggata ccggctcaac cacttcggtc tcctaccatg tgtcctgcgc    180
ctccgatgca gacgagtcga aatatctcca aagggttcaa taccttcgtt gggttcgact    240
cgctctcggg atcatcatct ttggcgtcgc ggtctctatc atagggtgtg aagcagtccc    300
cttccagcat tatcgagcga catcagcata cggcaaggtc ggattatatc tctggccctt    360
gaacttcgac atccgtccga ccgtcgcatt gctgcctgt ggttgcataa ttgcctttct    420
gaatttgaca tacaccatta tcactctcct tccttctccc cacgcacata tcatacgaca    480
caacctcgtt tcgacagcca tcgccatctc aggaatcctt aatgccttaa tgggactcat    540
ctttcgcgtc cttcttccag acacaaatcc ccccaacggg ttcacgaaag ttgaaacact    600
gctttcatgg acctgcaaat ggaaaaccgt gcatggtcca ctggtcccga aagg          654


<210> 7338
<211> 670
<212> DNA
<213> Aspergillus oryzae


<400> 7338
tcggtcgaca actcactcct gcttatcgga ctagtccaca cggagcaact acgccgttgc     60
cacacttact ccaccgcgtg tctagactcg actcagccca catagccgat gcgaggaatt    120
caggcactaa attggagccc gtcaggtgca aaatttcgtc cgcctatggg attggacatg    180
gccctcagat cggctgtctc ttccgcagct gtcactggct gattcaacgg ttgctcggaa    240
agggtctgcg tgtctcgaaa atgcgacttc cagacaccga acgatgaagc tcatgacaaa    300
tacaatgtga tggactcctc tggggcataa tacagtagaa acagccgcgt cttttgagcc    360
ccaaagatag gcgcctcctg tgtttcatat tctccccgcc caggagggtt cacgtttcag    420
aatccccgac cgccttaccc tacaggctct tggcgatgta actttgtcgc cgacccactg    480
gcatgcttga gcgaagaatg gaggcgcgct ccctgccggg attcatcaca agctagacat    540
ttttgtctgc agcctgatat gaacagtgat tcgctctgac ccctgtggcg cgactaggca    600
tgaacagcct tctggcgagt cgtggacccc acggcgcctg ctgcatgcct ttggccaaca    660
tcataagccg                                                           670


<210> 7339
<211> 673
<212> DNA
<213> Aspergillus oryzae


<400> 7339
tactgtttct tgtcagtact gaaaagttgc tattgattca tgatcttttg attgatccaa     60
ccccgtcatg gacgtattct atgcttatac ctactccaca gcgggatggc tctcgctgca    120
gagcatatcc ttgatcaccg tcccgcatat catgacaacc ttgctgttgg atgagtccat    180
atcggcttct gaattggaaa tatactttgc acgtgtctc gggtttagtt tactcaccat    240
tgccgttcta acggtgatgc tgacaggatc gatccctttg aactccacgg tgtctgaacc    300
ggtgaccaca taggacaaca atcccaagga ccatttgcct tcccactttg atcgttacag    360
cccttttcaa ggattttcg ccttttaccc ttatccccgg aacttgtcct tgggtcaata    420
ctggcttttg ttttaggaat gatcgggttc cttgggggtg gcccccaat tgtgccttat    480
gtggtaccct cttttgccat cttataattg gaacaaatta tttgggaaa aatgggttcg    540
gttattaaaa actatggggt ttttttccata caaaaacaaa tcttgtccta gtcaaaaaaa    600
attgcttata aaaaaataat gtctcttttt gattggggt attctttata gggtaaatat    660
agttttgatt gct                                                       673
```

- 2607 -

<210> 7340
<211> 657
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 7340
cgaggcaacc ctcaggccct ggccctggct attaaacaga atctgaccat atcgcctgca   60
agctccggat gagtggaccc tgcgactacc gccgcagacc cgcggatagg atgaatggat   120
cccagatata ccccggagtc ggcatactcg gaccgcagta ggccacagcc aacaagggaa   180
agagatccag cccgccggcg gtagatgaag gatgcttttc ccttttattt gtctatgaat   240
cccagggggtg tagcttcaat tccacctttt gtctcaggag aacatcgcct tgggagtatt   300
aaaatctgcg caatcttttt ttacttttcgc ccctacctcc agtatctata cggattagat   360
gccttctttc ttggcctgtg aaagaccagg ccaaacaat gatgcttaag ctgttgagac   420
caaattgcag tctatttgga gccatacctt angaaacccg gatctcgtgt ttgacctgga   480
tgccaatcaa gttatccttg gttggtttct tatgctcatg aaacgtctcc attggacgtg   540
gctggntggn nccttttctc tcttatcctt ttctgcttga cctggctatt gctaccgttt   600
aaaggggcan aaagcataat aatgggaaca ttgactggct ttggggggctc ttggctg   657

<210> 7341
<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 7341
cggataatgg cgtaaaacac atattgtcat cactgcagta tctaggctca tcagggttgt   60
tctatccgtt gtcagcctat gttcaggcga cggagtccaa attggagact cgagggctca   120
gactcctctc cactcccttt ttgcttgaca tcattcccct tcgcgggagg acggcgttct   180
ctaggagggc ggttttcccc aaattggggc acatctgcag cccttgcacg taccttgggc   240
ttcgcctctt ctgccacctt taccatcttt gccaaattct ccttgaaggc cttgacgtcg   300
tcctattctt catcttcctc ttcttcgact tcctcttctt cgacttcgtt ttcccaacac   360
aagccagcac ccgccggcct gtggaaatct gggtcgagat cctcatccga agcgtcagct   420
gccccactca tagcaagaac acgatgtata gtccactgga gctggagcaa tttgaccgat   480
ggtaaaggga gtttaactgg atcagttgta tagaaagtat cccgtacttg tgtctcgaga   540
taagaacggg ggcaattgga gaccgaagtc cggtgaatga ctggcttttta gattcttatt   600
tgtagccgcc aaaaaaattt accggccatg ttttttgcg tcactcacct gaagcgggtc   660
caac   664

<210> 7342
<211> 671
<212> DNA
<213> Aspergillus oryzae

<400> 7342
ggaacccgca accaaggttt tgaccaggag ttctaacgag ctaatctcaa tctgtcactg   60
attgaggcca aagtgtcgct cctccatagc tggaaattct tcgccatcga gcattgctca   120
gacttatga cggatcgaga ggttcagaaa tcgatggctg tagtcgtaca gagatgcctt   180
gaagctaata ccaatggcgt tccacaagaa gcaatcttcg cacggattca acaaacacgg   240
gtagattttg cacaagctct cctccagcga cttgtcgaga ttggatccg gggtgctgaa   300
gttttggtc tgcttgggggt agtgtgggat gcattgcgct ctcgccgcgc aacgtatgag   360
gaggcaatca tcaatgacga caccgagttt taccggtccc ttctcaatgt gctctttctc   420
gccttagt ttaatcaaga atcaccttca cagcagcgc ccgaaacgcc tcagttaaaa   480
agctgaggga tcattctgac cttaagactg ggggcgaaa tgtaaagact gtggatgctc   540
aaagggtcaa atctttgacc gcgttcttgc ccgaacaacc cgagaaatgc acaccgtatg   600
actttttgcat cattacagac attctgaaaa acatggttgt cagtgtaaac atcgtgatcc   660
gcgatttccc t   671

<210> 7343
<211> 691
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 7343
ggaattcctc agtagcactt cgccaagctt tggagtctct agtggccttc ctcaaagtcg   60
acagcccgag ctaattgccc agtcgaggtt tcttggagat agtccaggga ccaaggcagg   120
gttggacccg tcacaatccg gcaatggtga aagcgagccc ggggttatca ttgatggcaa   180
tggcttcgcg catattctaa cagttgccga agaggcgcag cgtaacctga atctgcaaca   240
agccgtcatg gcaaagatga aagctaatgc ggttgaatct aactcgaatg cattacccca   300
gacgccgaaa caagtcttgc tacgccaaga accacagtcg gagcaccagc ccatccttc   360
tagactccag aattcctggt cacataagag caaagcaact acgttgaatt ggaagagtcg   420
caccgaaaca cctgcatcct ccaataataa gcccaccttt ttccagaaga ttgccggctt   480
gttcaaaacg cgaatggctc ctggccaagg aaatcatgtt ctggtggagc agccctttgg   540
ccttgcccac taataatgct ttgattctcg ctgggtgtct gcaattcgct agatttcgat   600
atattttcgt tctatacatt tttcttacgt tggtcgccat gtatctgcaa agcgatccca   660
tggagttgat cnccgatagc atttgtacct a   691

<210> 7344
<211> 436
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 7344
gcaagacaag agattctcgc cgcgcaaaga ggcgaaactc agaccgaacc caaggagacc   60
gtataacccc ctcctcttct cttctacacc aatgggttca aacccaacca ccctctgctc   120
ttcccataaa catacatggt aacagctaca cgcataatag acccctcttg ctcctttttt   180
ccaagactgt cgcccctac cctcataatg attgagtctc tgatactcct ggcgggtatt   240
atgagcattg tcagaccgtg agaaaagttt gctggttttt gctttctgct ttagcttaac   300
gtatcgctat ccccacttca acagggatct ttggtgttgc ttgatagctg gagtntgtaa   360
aataatgtat attaaattgg aaactgatga actggagtaa atacataatt gcatgcagac   420
aaaaaaaaaa aaannn   436

<210> 7345
<211> 263
<212> DNA
<213> Aspergillus oryzae

<400> 7345
tgaagtctat cgagtttcag ggtttctttt gatatgtgtt cttttttta aggaaattgt   60
cattgtcctt ctattctcat ttcggcgatg aagatactat aaatataccc taaggaatgc   120
gggtacttgg tctgcaacta caggcgagta ctcccaccag tgcctgcctt gcgggatact   180
aggcaaaatg tcaatgccat tactttgtac ccactgtgac ttatatacta cagtagtgaa   240
ccagttaagt atgtgttgtt atg   263

<210> 7346
<211> 627
<212> DNA

- 2609 -

<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 7346
ccactggtgg cttcacaact ggatcttccg gtgactttgt gttatccatg atgcgtcgtg   60
tcggaacgtt cccttggagt tctggaatgg ttccaaccgg ggcgcacccg agtcattcat   120
ataccttcca tggtcgacag cttagttgat acgccatgtc atctagcgga atccactatc   180
gcccctatag taggggagag aagcccaaga ccgtccgctc gggaagatta gggtttcgag   240
gctcctactc cggagatact ccccgataag atagacggag gactatctcc ggccaatcag   300
ggagccaaga tcgcttatct tgtgttgcca ctaaggagat gaggtaaacg cttcaactgc   360
cgaaatccgg gggtccctta tcattgcctc tagccccatt ggccgttcat ggcgcggaga   420
ttgctttgaa attcatgatc aatgagatca aataatgaaa agaagggaca atcatgattg   480
gctacaattc cacgctaata gtatatcttc agaagtctat cttctgccgc cactcaacgg   540
taaatgatta aggcattgta ctcagaattg agtttttata gcggtgtaag cgtccctttg   600
atatcatacg ttccaatttg ccagttn   627

<210> 7347
<211> 1108
<212> DNA
<213> Aspergillus oryzae

<400> 7347
gtaggattca ttcggcggct acactttttag tactatagca tccccacaga cacaccctca   60
atcaatcgaa ctttgcccct ccagccaacg aattcaggat gggcatggag tttgtcttta   120
taaatgtcaa agagccgaaa gacgctctgc agctcgctaa ggagcccgaa attcgatctc   180
acgtggctcg gtaccagtgg aagaaaatcg agaatcgccc gtctctcaag cgaaaacgaa   240
atgcggtgct atcgttctgc atggacataa gctgttcagc aacctggcag tcacgaagcg   300
attccgagga cgactctccc gagattccgg acacgtcctc caccatctcc atccctctgc   360
agttaggggg actgcgagac gacccttttc ggtcctatcc agccagtttc aagccgttca   420
tgccggtcct cgtggatcac tacctggtgc atatggccgt ggacatcccc gagctcgatc   480
aaccagggaa taaaggcctt ctgagaacca gctggttccc tttggtgatg acaaatcgcg   540
cactcttcct agtcatcatg ctactcgcag catcccatta tgcgtctgtg agcgagcatg   600
ccgcaggtat gaaaatagac cttctcaatc ttcgttgtaa ggcggtccaa gccatcaacg   660
atgccttgaa gtatcaacca ccggaccgcg tcaatgatgc actgataggt gcgatagcga   720
agatgggaag ttatgaagcg atgtacgggg acatggcgag ttatagcgtg cacatgagag   780
gactcacccg ggcggttggg atgcgaggcg gtttatcaat gcttggtctg aatggattac   840
tccgccggat agtggtctgg atcgaccgca acgctgcctt cctgcacgga tcggcgctct   900
attatcctgg cgctaccttt gcaccgggtc aggctcccga gcccaatcct ggtcattttc   960
ttgcatcttc gtaattgagt aacagctttc ggggtgtccg tcttgtattt atgtatgtaa   1020
tatcagtagc gtgggatcag gagttaatag gaagttctct ttttttcaaa aaaaaataat   1080
gtgtggtaat taaaaaaatt cctggggg   1108

<210> 7348
<211> 471
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 7348
gtgagattca ttcgactggc tcactatggt cggcggttgg tgagaagaag ctcttcacct   60
ccatgtacct gatggttgga cgcaagcccg agtaaatgct tgttagaatt tgcattatgt   120
gaaacgtctg tacaaatacc tctttcatac catcatccca cctacagacg aggcggagta   180

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ttcccttttaa tctggtgtca tgtattccat tgttgactta ctcttcttcc ccttgtcatt    240
attattacac accgccgtgg gacgctgtgt ttgttgtttt catctcatgt gttgtccaag    300
ttggcggaca ttctacgagt cactgctggg aatgcgccat ggtgatgatc ttttttcagtt   360
cgtatttcct tgttctcaag caaaatgtgt ttcaatagcc gctggtttgc cgcaacaaaa    420
ttcctatcat gtattgnana anannnnnnn nnnnnnnnnn nnnnanttcc t             471
```

<210> 7349
<211> 638
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 7349
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cgctagcgag gctcgagatg ataaatgcaa gcacgaccaa acttgagtta caagagagaa     60
atgaaggaag tatatgtttt attggcaaaa aataaaaaaa ggagaggaaa gcctcatgtt    120
tatataccac tatgtcctcg cggaccctgt gctattatga tctgtgccgt tattgcagcg    180
ttatttgccc cccttcacca gtcacagcga tattcaatcc gcagacgtga atttttcttt    240
gtctccttgt gttctgctcg ntcctttatt actcctctcg tttcgttcct ttattggttt    300
tctatatctc ttttgccccg ggacaggata gttgcttaaa gatgggatat ctgcctcgcg    360
gcaatttttg gaccttttgg aggatcatg ataaccagaa tccaccggta acaccattgg     420
ggtttctact aatcgagttc tctccttatg aacctttat cttgtgagat ctcctaacgc     480
ccataaccgg cgttgttaac gtggcggcga caacctgtct atatctcctc tgtgtggtgc    540
gtcaccgtta caaaaaccct tccactacgg cgtatatcct ttgactataa ccattaacaa    600
cggcgcgtcc atggtcgtca actcgactat catcaccg                           638
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<210> 7350
<211> 636
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(636)
<223> n = A,T,C or G

<400> 7350
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ccactatata cccaatatgc gtgtctccct aaccaccatc ttctcctccc tgctctgtac     60
cgtcttggtc tcatcccagg acctcgacac cttcgacaag aaatgtgtcg agaattatgg    120
tgttccatca gcagaccctg ttcccggctc tttctccaat gacgactgta cggatgtcga    180
cgggacacgt ggtgccatac aaactgctgt agacaaactc ggtgatatga atatttacgc    240
tgtcaccaag caggttgtga acggtattaa ctatgtcatc tttgttactc gcaacgaacg    300
aacatatcga gttcctgttt accaagatct gacaggaacc tattctcttc aggaagaaga    360
aatctgctac accgacggtc cgccgcctgc acaaatcaag ccgttggatt gcggttatta    420
atcccttcaa agctcccatt cgatgacagt actgtatgt gaagagtggc gcgatatcgt     480
cgacttgag accacctacc aatctctctt acggccaaga aacattcggg ctaccacttc     540
agggctgtgt tacaaaggaa gctctcttct ggctgccttg gtagaggct ttccttataa     600
aagcttggct gttcatcccc actcgatatg ggaatn                            636
```

<210> 7351
<211> 659
<212> DNA
<213> Aspergillus oryzae

<400> 7351
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ttttctcccc ttgtcccctg tcgcaacaga aatgagagcc aagaagacga gcccatctct     60
ggctgccctc ttcccctttt ggcttgatac aaaagccact aagctctatc caccatccac    120
```

- 2611 -

```
ttcttaccgt acgttttgcc gccattgtct tctcacctct gagatgctgc cactaacacg    180
agtatcgccc tctgaatgtc acttttttctg gtttctgctc tcgcctgggc cctatctgct    240
ctatgcctgt ggattctagc aaccctctag aattcttatg ggaaatttat ttcctcgtct    300
acctctgacg agctcccatt ctccactcat tgattctggg attatcctac gattcacgct    360
tgagtatgtg gggttgatgg aggatggggc atgcataccc acgggtgctc gtgtgcgtgc    420
attttgactg aatttaagtg cgtttctaca gtccacaaaa cctctaatac aatcttgtac    480
catccgcgaa aaccttagta ataatgccaa gcaattcaac ttgggtaact cttcaaatcc    540
taccaggaat cttcctgtta aaacgggaac aggcagcaga tcaagcccaa tcctacacct    600
ctcgagcttc ccggccatgt tccaaatagt caaattaagc caaatttctg cggcaatgt     659


<210> 7352
<211> 628
<212> DNA
<213> Aspergillus oryzae


<400> 7352
acattgcata cgcagtatac ctcgacgcct tgggggggcat tgttcgttag tgctgagggg     60
ttcaccccgc gggcttcatc atagattcga cattcggccc tagcgctgct cgcgaaatgg    120
ggactgttgg cccatatata ccgtctccca cctcgtccgc cctggcctgg tgcaacattg    180
tcatcaattg cttcaggtga actccgaaat taaaattaca aagtgcacca tgcgggctca    240
gatcttaaaa actattgctg ctctggatgc catctatcct gaggcatttg gcggagccga    300
agtggaacgc ctacaattgc gcgctgcatt acgttgactg ctcgcccgat tggaaacacc    360
ctatgagcgc acctggggct tctgcttcaa acatccggct gtctttgccg ctctgcagat    420
attcatcaac gtgggccttt ggaaatcttg acaaccgct ggaggggtg agaagtctat    480
ccaacgagtg gtataattga ctactacacc cgttgataca acctgttgcg acggctctcc    540
acttgctaac agctttcaac ggggttgacg aatcatcgta agacacattt taaccgactg    600
gcgtcttcga cgctatcggc gacgagag                                       628


<210> 7353
<211> 665
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G


<400> 7353
ccgccgtgcg ttattatgga attaaagtaa gaaaatgatg caagaaaatg gtttaaccat     50
gaatgcagga aatgcaatga taaacgaaag aaaggcccgc tgtccctaac ggtgagaagc    120
gagtttccac ctgccgcccc cccaggacaa gattccttcc tggatagccc agtcacgtag    180
agcaatgtcc tctttctctg aatccagagc gacatcaccc ttctcgtaat ggcgaccaac    240
gtgctccatc cgttggttcc aactttgaaa gccagcgaac tcctctccac agaagccaca    300
tgcgctgcgt gagggcggtc ggcgttgttc atgccagcac cgagtgcgca ccgcctccag    360
cgtcgcatca aattgttgtt tctcctcctc ggtggcttgt ttagacttgg cccagggcgc    420
gtgcatccga cgctggtgct gggtgaagag atctttgcgg ttgaagtcat tggtgcagct    480
cataggtctg cctttgctcg gattgttaac gttgcactgg cccacatcac agcgataaaa    540
tcctagctgg acatgctgtg atgtcacatg tcgcttccac tcattcttag angttaaaga    600
gctagtgcat ccatagcgag agaaggtgca aacaaaggtt tcgtcggngc cgggtgcctt    660
ttgg                                                                  665


<210> 7354
<211> 648
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(648)
```

- 2612 -

<400> 7354

```
caagcatcag ctcaatatct ttcaatttca ctataactct ttatcattga gtcagtatca    60
acaacatgaa ggcccctttac tttatcgctt ttcttgccgc cgccgtctcg gcgcagaatg   120
cttttcattgg acttcctaag aaagaccagg agatcactgc aggagagaat ctagttgttc   180
aggttcagcg cccgaactct ttaactggtt ccgaggagat gggtgtcgca attggcgtgg   240
catcctgccc cgaaagaccc tgcatggctc cgaaagacac actgggcact ctgctctata   300
acgggccctt caagcccgag taccacgata gctcgcctcc ttatcagaac ttcaccgtga   360
cgatcccaga ctccatagcc aagggagacg cacagatcaa cgtcgcccat gtggcaattg   420
tcggggcgag cgcatggcca tatttagacc tgctcaatca gactgttgtt gttgcttaga   480
ttttgtgtgg aggttgtctg cttgttcctg cttgtatagg ctcttcgcgg gactggcgag   540
ttgtatattc attcattaat tttctttgga tttaanttcg tggcttttat tttgggattg   600
tcggtcctga ntantgtgat ttgaaatttg cggagaaatc gttagcta              648
```

<210> 7355
<211> 668
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

<400> 7355

```
cgtgggcccc actgatgtaa tgtatcacac cggatctgaa tacccaggct ttcatgataa    60
tgacctggat ctcacacatc cccaagattt caacccatac tccatgatgg acttgactgc   120
ttatgatgat gtctccggcc aaagcgggaa ccagtcctgc actgatgatg cgctgtctag   180
ccacagctct cacacagacg acagccacct ggctgctagc gatgcttgga attccatggt   240
gacagatacc agaaactacc acggatcacc acttgaacaa ttttcttcca gcatgtttca   300
ccccgttccc gtctctcncc ctttgacgga agcgagtaat gatgtctctg ttacttcctc   360
atgttcccac accggatacc catcgtttat gacccacgag gatgccatgt tgaaggatgt   420
tacaaccact cccgttggna gccatggtat caatctagga gacccgttgt tcccgctcac   480
gccgccgctc gcggaacagg acccaaacaa gtaagtcncc ctttgactcc catttacgta   540
ntgatcatgt cttggaatga tcctaatcnn actatcccct caantagaac atccggggtt   600
ctaagaatgc acgtagacca gctcttcaga ccccacaatc ccagacccag gttaagcagg   660
gaccagat                                                            668
```

<210> 7356
<211> 627
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 7356

```
caaatattga ctattctttt ggcaaatagc agctttgatc atggactttt cgacaagaaa    60
tacttctgat aggctacttg agctcgccga tctcgtcacc cgcctccac gatttctttt    120
gaacttgatt gatttaataa actggctgcg aggcctccct ccttatggtg gttaaagaga   180
aacttgacga atgaccgcgc ccgccgcct gatattgcac cggcaaacat ggaaaatcaa   240
gtatgttcga gaggatggtt cttctagtac cattacacgt cttgtctgtt gaagcatagg   300
tgttggggaa cttgactag ctcacgacgg gcgaggcact ggtcgctggt ttggtttcga   360
ggtcgacagg ccttcatgat atctttcgaa atggtgccaa tggatactgg ttgttctgct   420
cttgaagtca cgctgtacta tgttataggt cccttttgtga ctgggagaaa atatccatgt   480
ccgttttcta gcctttcatg gacaactcat ggatttgct ttttcgggaa gtatattttg   540
gtagtggttg gttttttgtgc ttcgctttta tgtatgacct aatcctgaca gactctaaaa   600
```

ggcattgcnt gcccttcttg taacgca   627

<210> 7357
<211> 655
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 7357
cgatgatgcc ttcacatcct ttgcatcgac accagtcatc tttagaaaaa gtcctgaact   60
tctcaaaacc tttctcatta ccaccccacc aaagtcaatc ggcagccaac cttcttcagg   120
tcttaattca gtgttatggc cccgaaagga gtgcacgaaa aggttacaag ccagcggcac   180
ttattaaggc cacatatgag catgtggtag ctaaggatac atttttaacg ttcttttttct   240
cgtcgatata cgaaaatcta tgttcacagc ctgctgattt gattgattct gatattacga   300
ttgtcttgac gttcttcgat aactttacgt cttggagtcc agacgagaag aacaaagcaa   360
agagcgcgat cgaagaattc gctgattaca tcattgagaa tttcctcctt ccgctccgag   420
cttcatctgt caagactccg caaccgacgc ctgcatcatt atccgcaata caaacatcta   480
cgccctccgg cacaccatac cgtgtatcta tcttgcgaaa aagttgcctt gtgcgtgatc   540
gctatcgntg cgtaatttct cgaaaatttg attagagcga ggctagaaaa cgtttccagc   600
agtatgggaa gattgccagg acgaatgaag aatttaaatt gataacgaat caggg   655

<210> 7358
<211> 679
<212> DNA
<213> Aspergillus oryzae

<400> 7358
caacgttgcc ggccgaaaca tccaccacgg atggtagggt caaacatagc gagcactcta   60
actttgcact cggttcatca ctacgtaatg tttccgtagc agcgcagcta ttcccgttcg   120
atttcaagtt gcagcgcaca attggaattc acagaggact gcgccaatca gaatcctctg   180
gaaacaagct cttccctgtg aaactacagt tagattgcgt ctctttttcct tctttggact   240
cgcattatat caggaagctt cttcagctag atggtattat gagaggtcga agatgggctt   300
taccagaaac agacgatgcc gttattcaaa tagaaccgac aactgtgttg ggattatccc   360
aattaaatct cgagcgtacg ggcagtctga gtcagtcatc cgccaagttc ataagaatgt   420
ggcgcataaa ttttctcact tcctttgagg ctgctcattt cgctcgtgtc tggcaccaaa   480
agccgcttcc aaagcttgga aatgaagatc tccatgaacc tagtccacac gtgaaagcgg   540
agtgcatttt ccgataaaga tgctatgcta tattgcgggg ccttgtcatt ggtgcataac   600
gttccctcga agccagcatt ggacttgagg caaattaact tcgtaggtat actataaata   660
attattctct tcacatcat   679

<210> 7359
<211> 463
<212> DNA
<213> Aspergillus oryzae

<400> 7359
ggcgatattc acacagctat gtccagtctc taagcattgt cacggcttgt tcgcccagt   60
tcaaaccgtt cctcgacagt ctgcgctcaa cggggatgcg ccttggtgga atgacaagct   120
atggtcactc acaaagggga tacggctcat actccgcttc gcgtgcccgg agtcgaagag   180
ggacagttcg cagtgacacg catgagcttg tcccctacc catgcaggat acccaccagg   240
ctactgtaac tatctcgacg ccatcgctgg gctgggatgg ggaaagtcag tcgagccagg   300
cgcctattat tcatgaaatt aggacttgga ctgtgaccga ggtacggcgt agtttcgccg   360
agaattccaa gtgacgcggt cgcactcttt aggtctcttt taatgttacg gtaggagta   420
aatgttggaa gatatgaata ttatattaat gtctttccac tcc   463

<210> 7360

<211> 624
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 7360
gacattcact gtttcgacat ttgaacaagc gaagaatgct aactcaaggt ggaagagcgc   60
ttttatacgc aacgcagttt tctccactca ttccaccaca gcggaaaaac taaactcact   120
agggctggta tctgaaattg tggaagacca gggacaacta cgggccggcc tggatgattt   180
gctcatgcga ctgaacaact ctaggcctgc taaaccacgt gggtccaggg agtttgcatg   240
gtcgacgagg gcgggatggg atgcacaagc tcatactctt gatacgactt tcttcaaaat   300
gatgaagctt gaggtcggtc aaggcgacat gaaagcatcc tacagcggac gtaaagagga   360
tttgaaacgt gcgttgagga gcgtttgggg acaaggtcga cgacggagag agggaaaggg   420
catatgagga tctgatcgct atggtgcatg gtgtggatct atctcataga tcattagaaa   480
atgacccgga agcatggttg tgacttctgc tactcacagg agagcagatg agaaagatgt   540
actatagaag aagtcatgaa acgactttgt atgccaaatt aatgttagtg tttaaaaaaa   600
aanaannaan anaaaaaatt ttct   624

<210> 7361
<211> 256
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 7361
cgaatctgtc ggaagaaccc aagggctggc cagattattg gaagacttca aggttcgcgt   60
ctctttggcg cctgtggagc acgttcagac cccgcacagt gacttccgcc gtgattgaaa   120
tgagcagcac ctccccgcca ggccaaagat ggtccttcgg tacgacaacc atcaagaacg   180
acctgcatac gatatttgcc gcacgtgccg cccatgagaa ggccattggg tcgctacgga   240
gggtgaaggg gctgan   256

<210> 7362
<211> 255
<212> DNA
<213> Aspergillus oryzae

<400> 7362
cctgaccata tacaggcgtc caagtcaggc acttggccct ggtatatacc ttcgtttcat   60
tgatataccc tttctttgta aagaaacatc tttttctagc ccctctagca gaggcttaat   120
atcgctcatt acaacttcag aagcagtaca agatcgccac catgagattt cttctgtctt   180
tcctgattac cttgtcgatc gcctgtggtg tgctttcact tccatcgggc tcaaagtctc   240
aactcaaagg caggt   255

<210> 7363
<211> 649
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 7363
```
gttgatttcc ctcttgtgat tatgcatgag ctactgctct tcgcctcggt ccccgcgcac          60
cagcaccatg agctgctaca acagctggcc gggttgacgg ccatgcagcc ccgtcaccgc         120
ttagagaggc gtctgatctt caaggcctat cggaaaccag ggctgatcaa tacccgtgtg         180
ggtgccagtc aagacttgca aggcaatgaa atgcagcgtc tgaataagat gctgaacggt         240
ggcatgttct atacacaagt ggtcggaccg gtttccgagg ccgactttgg tgcccaatct         300
tccgctgcct catcgggtga ccctgatgcg cccatgtctg gaactgatac tggtacaaac         360
tttgagtacc acccttacag ttatgagaat caaccctgga agctggagtt tagagatatc         420
cccgaggcgg ngactcgttc cgccgtgacc accggctga tggccagcgc tagtttgccc          480
aagggcgata ttaccacccc tatgaacgcc tggnggtata gttttgtcac ggagtacgtg         540
gtagagggg atgtctttat tctgaatgat atcgtcattt acctacatcg agttctgcat          600
tatcctgcag agagctctgg atcacatgaa ccgcggcgac agttacctc                     649
```

<210> 7364
<211> 548
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(548)
<223> n = A,T,C or G

<400> 7364
```
cgaggcagag cagtgcagcg ggaggtcaca gtggtggcag ccggcccatc agcccctcgg          60
ccgacaggga gctcagccgc aattctcaac ggatgaccat gaatggctat taacggcgca         120
cgagagcgtc aaggatagat ctcaatgctc catggagtaa gccgtccata ccagttgttt         180
ccatacatag gtgcacatgc agacaactta ggggcagtgt cgagcatccc ttcatctttt         240
ctttttactt catacataac tccactttta taccagcatg ttcttacaga tatccttttta        300
acttctgatt tactcttggc ttacttcgtt gcctattttg ctatccccag cacgggaagc         360
gggtgcctct attccgtttt ctacaattga gattgtcatt gcagaccaga aagcggctag         420
caatgatagc gctggcatca tttttattgt ctcatgtact taaattcctt aattatcatt         480
actccatgag ggaaatacag ttgatacaac gaanaanana annnnnnnnn nnnnnnnnna        540
annnnnna                                                                   548
```

<210> 7365
<211> 761
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 7365
```
cgaggggtat ggtgtggcct gaactatgag tcgggaacct gggggaaatg tatgacaaga          60
gccattatcg ccgaaacaac tcttgaaggc accgcagcac cagaggtncg tcatatgtna         120
gaatgtgcct atttcatngg agaaactggg ctactggggg ttcagaaacg gcaaagtctg         180
agcagccctc atnctctatt cgtatattac gtcctggcag atttcgaggg tccctatgag         240
tcgaccagtc aaagaatcat gggcgcaagc cttttggcaa cttatttagc tcangcccga         300
catttccggg aacgacgccc atatttgttg gacggtccat ggacccgaga ttcctatacc         360
gctcgaaggg atgtgcgaaa agtgcccttc gaaaaaggct ggtgggctaa ggaagtttaa         420
acttccgacc ttgtcgaaga ggaaaagaat cttatcgcaa gttcctttgg cggggttctc         480
ttcccaaaaa aacggtgggc cagagggatg ttgatctgga gaatggaccg gagggccttg        540
gttagccggg gaggtatttа tcggtagctt agctaacgcc taaaacaaat cgaagttctt         600
ggatccacgt catggagggg gtaatggacg gatatggtgt gagagccttt ttcgggaagt         660
tcagggaaat ggttccgaac acagcgcatg cgctctccta aaggtaagca gtagccgttc         720
cgtttgcgta gggtgtaggg tctcggtaag actataggcc c                             761
```
- 2616 -

<210> 7366
<211> 660
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 7366
```
gaagtcggac tggatacctg acaattgcaa cccaaaaatg gctgacccta tatcggtgat      60
tggcacagtt gcagctgtct tgcaactagc acagagcgcc tgcaaagccg ccctaggact     120
ttataattcc tgctcggttg ttcagaatgc accacaagaa attatctcga tcagccggga     180
tgtccatgca ttctacatga caatttccaa cctcgaaagc tcactccgca gcgacgaagt     240
ggcaaccgtt gtaaacggag atgtgcagat aatgttgaca ctagaaaccc tcaagatcc       300
gattgagaat ttttccaagg cctctgaggc tataatggaa aaacttatcc cacatctcaa      360
ctgataggac atcgcanatc canagaggat gatttagccg tnggaatgtg aagtggtgct      420
tcgaacggaa agagatctct gctttggggg cagatttgga gcganaaaag aactctcatg     480
actgctatag cgattgcaca ttttctgggt tacctgaana ccngtgcgnc ctcgtgnccc     540
actatcatag tccaaggang gctgacatgg atgacgatct cgcctcgtct gtggtganat      600
acactgcatc gattcgtgan cgcganagcc aaggggactt tggcntcanc gagggactcn     660
```

<210> 7367
<211> 637
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 7367
```
tgtttatcga ctgactgatt tctgtgaaac caccttaact cttccagcta cggaaacgct      60
agtgggatct actccgtaat ggcagcgaca tcgtacagtt ttcgagtagg cagacatgtt     120
tcgccggcgg tctgcatact aattaagtct cggaatatca gtcccacaaa gatggggata     180
gtcacagtca ttccggtcac agttcgcaac attgccaaag ctctaagagc ggggactatc     240
ttgctttctt gctgtccccc aagttgtggc cgtatctgag cacttccatg ccatatctaa     300
tgaaatgagc tgacttagac caaaatcctg gcgagtgaac cgagcgccct gagtttcatt     360
taccagccaa tcccaccaat tcagtgatag ataacacgca catggctggg ggttatgacc     420
tggtctacat catctacgaa cccacccgat gtctgcgaca aaaccgccca gtgagactag     480
acgaagagaa tatcacagca gaaagtacct gatatgagac cgagaatgaa agatagaata     540
gccgagcgcg agacaagctt gatggattac caatgagtca agcccagaac gggtttctga     600
agatggctga ggtcttagac cgtatccagc ccggaan                              637
```

<210> 7368
<211> 677
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 7368
```
gcacactgtc agggcgtttt ttgatcatgg gtcctaatat gaaatatgcg gggcggacgg      60
atatggacct cacgcccgat atctaacaca ccccagatct gaccgatgaa gcatccactg     120
```

```
tacctactgc agcagtgagc accaattcca accccacga tgatgctggc tacaaccccg      180
atattgaccg cgatggcatt aatgcagatg acgcgcgcgc tcacttactc ggggctaccg      240
ttgatgcgcg cgatgtcaat atctacgaca gtatcggtac gaaacggaaa gcatatatga      300
gcaggagtcg gccacgccaa acagatgaga atggcttgtg agaatgaggg acttcaggcg      360
acagcgaata tgagggtttg gacagaagac ttgctcgtct tcgcatataa aatggaagaa      420
ctgtaggatg acatggctgt ctccctgact ggatgcaatg tcaatgaacc cctagctgat      480
ctcatggaac gtactgacga ccgcatgctc naattaagat ccggcgacga gcatggctat      540
agcttctaca cgagcgcatt acggccggac tacgcagacg cgatactttt cagaaggatc      600
tcttaaacta tcgctgatga ccatcactat ggcgatggac cgactgaaaa agggggaaaaa      660
taacacttcc ccaaagn                                                     677
```

<210> 7369
<211> 661
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 7369
```
cgccccaggc tnccggtcgt atcgagttta catcagcgac tgggctgggc ctctttggag       60
tatggtcgct tcaccccctac ctccagctga ccaactgaag gctttgcgga tgtatgtcaa      120
gaatgttgaa gatgaactac agcgacataa tgagctccga ccggccatgg gtttagcttt      180
ttctcccaga catccgaatg ccacaaagtc catggccaat tgggagcgtg aatcattgta      240
cttgctgcga gagaacagga agtttcgcac atacattgag aatctacaga aggcactcta      300
cctcaaaaat aaaatatatg ctttccgcga ggagagcttc ccttccacaa gtggatgaaa      360
aatacatggg acgccttatt ccaactataa cttatggaat ttatgaaaac gtgtgtatgc      420
gatatcttaa gcatttgaac attctgttgc gctttctta taagaagtat gtggaggttc       480
catcatctcc tggtaataag aaaactattc ctttcttcgg actattttgc cccttccttt      540
tggataccga gttttttcta atactttaaa aacatctaca agaaaattct ctattggggc      600
taactagggt aaaataaggt tggagttcct taaggggggg taatataaaa attcttaaac      660
c                                                                       661
```

<210> 7370
<211> 247
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 7370
```
gtagtcggct gttgtcagtt tcactaagcc gttgggttga atgccagtta ttgcttggca       60
tctgtatagc aggcattccg tccgtccatg gtctagcgcg gcattggacg ggcgatagcg      120
aggtttcgca tcggatctaa gcacattccg attcgatagc attctgaggg tgttcggagt      180
cttggaacaa tgctgggacc gggatatgac atgtacgata acgaacaatg aacggaaatg      240
g nnang                                                                 247
```

<210> 7371
<211> 651
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(651)
```

&lt;400&gt; 7371

```
catgccaagc aatgctggag tagcccagag agtttgttcc ttgtcgtgga agaggtggaa    60
agaaagtgcc aggagcaaat caagatctct aattcattac tattgaatgc gactggtcag   120
ggaagacggg aggatctatc aacagcccgt tctttgctag agatgaaatt tcactgggtg   180
tttgctggaa tatgtggtct aggcctactc tatacctcag tactgagaac aaggcttatc   240
gaaggaaaaa atgacgggga cccggatatc caatctaacg aatccctcca aatcgtcgac   300
caagtcgccg gaagcgtgaa tagccctccc gatgctccag gccagtatct atcgggattt   360
ctcaaacgat ttggagaagt ctatccgcag caactcgtgc gcgtgcttga gtcgttcctc   420
gagtgtgccg aagtgcaaat tgacggcatt gcattcaatg ccccacttca acaggtagtc   480
tatgggatcg tttttgtgtg caagaacctg gtcgaaaaca acttcgtgca agtacgggtt   540
ttcggacgtc tagctcgcaa tcacgagaag cagctggcgc tgtttcctaa gtgtgcgaga   600
tgtattcgtc agatggcagt cgagccgtgg aaatcgacan aatctgcttt t            651
```

<210> 7372
<211> 664
<212> DNA
<213> Aspergillus oryzae

<400> 7372

```
ggatgggggt gcgcactgag ctttatatca gtatctgaac agaaaactgc aatccgatac    60
gacctatact gctcgaagaa tgacagctct tgtttccaga tagttgcgga taaattggcc   120
gaacttgtgg aggagagagc ccgggaacta gaaacagagt atcaagagtc attcatatct   180
gtgcccccaa gtcttcacac tgaagagata gttaatattt ccccttctc ttcttctttc    240
gtgaggttat tatgttctcc atgagcgctg aaaaaactcc gcctgagtag catttcaaaa   300
gaatattctc gactgcctcg aagctcatgt caagctggag aaagcgcagg gagccgaagt   360
gtttccagcg atgagaaaac caagggagaa ttccaggttt cagcaagctg aacaactctg   420
caaggaactt gactgtaaga gcgagttcag aggaaaagat ctcgcatggg taacgcgcag   480
atgctttgca tttttctttta ttctggttga ttgacttttt cttggttgcg ttcgcattgt   540
ccctaccacc cttggacaga cgttactccg tatagcgtca ttaccgaacg tgtcagttgg   600
aatcttggca ccgttgttgc catctggtca atagatagct tattaaataa tattcccagt   650
cctc                                                                 654
```

<210> 7373
<211> 161
<212> DNA
<213> Aspergillus oryzae

<400> 7373

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ccgctgatgc tcactcatgg aaggttgttg aaaacgcccc tgcagccaat gacccaaccc    60
agccggctac catcccatgg gtggtggcaa gaaatcgtga taacgtggag aaggagaagg   120
cgttatagaa aaggcttttg ccattgcttc caaacgggtg g                        161
```

<210> 7374
<211> 683
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(683)

<400> 7374

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ttccacgcaa aagtcgactt cattcgctcc cattcaggct caattttgag tacaacgcca    60
tgccttctga caaggtggaa aagaagcgca agcgcgcttc gaacggccac gaacggccga   120
gtaaaaagcc cgacctcgaa tttcaagatc tacctcctct cgcggccagc gtggtcaacg   180
atgatagtga attggctcca gtgatcataa ccacccccgg tgtgaacgtg ccccaaaacc   240
ttcatttaaa accatacctc aaggaccgag cagatggctc tttatcaggt cgctccacac   300
```

```
ggaacaaggg cattgtctcg tccgaactac tcctgcagac ttcggagcat ccaaagatgg    360
atttcgtggg tcgcgaggcc gaagacgacg ccgattcgca gttaaagcat tacatcgccg    420
ttgtggatcc cgaaaagaaa agctggcagt ttgttgaggt gcggaaggtg actcttcgtg    480
gagcagtgag gagaacaaag gctgctgcag atgaagagga ngaggttgag agtgaagatg    540
aggagatgaa aacgatcgcg gctcaacgca cagaactcac caatacattc ggtactaagc    600
agtcccgcaa agcagcgcag tccatggccg aaaatgccca actctccaat gcccccgctg    660
gtgctgcctn cgncgcagaa tct                                            683


<210> 7375
<211> 660
<212> DNA
<213> Aspergillus oryzae


<400> 7375
gattttgctt ctttcagttt ttatgtactc tcttgtctaa ataaagaatt ccaaagacat     60
ccagaacgat gaatctctca ccgcttacat aacagtggtc ctcgactcgc cgcgccagtc    120
caatcgcaag gaacccggaa acaacagccc aacgccatta cggcgctgat gcgctgtctt    180
tctgcgcttc attcttgcat ctgcactttc gccaccaatt gagtcgcctt gtcttctgcc    240
cgactccagt tgttgcggtg gaaaggagtg accgcacttt cagtgcttcc cgcaagtgta    300
gtccctgact caaccagact atacaaatct attctgcggc gatcgtatat atacatgtac    360
atgcagagag acaggcccgg tttgacataa attacattcg cgacgagaac gatcattgac    420
ttttacatgc atattacatg ttgccacata ttaaattttt ccccgcccta ctgcttcgta    480
tacaaaccca cagcatcaaa agcgtcccga tccggcaagg aaaccagcaa acctgcccgg    540
tgtctaccgg aggagacgct attccttgcg ctaactccat ctcaacttct ggaacccttt    600
gggcttatcg gctttcggta atcgggtggg cctttttttgc ctggctattg tggggacaaa    660


<210> 7376
<211> 610
<212> DNA
<213> Aspergillus oryzae


<400> 7376
cgaggctctc tcaaatacca aactactcta cgactttcat tatttcgaac tatccagttc     60
ataccaatcc ctccacaacc atgtctccct gcagctgcaa ctgctgctcc ggcaactgca    120
actcctgctc ttgcagcgac tgcaagcact aaatgcatca cccctgacac cgatccaaca    180
atcctcaaga caagaaccat gtcgcaaacg acgatgatcc cgtgacttcc cttctatcca    240
tcgacgagcg gcaccagtga ggatgggatg aagtgcagtg ttctctcctt ctttctttgt    300
tacttatctt cctcggggat agaagttggg tggaaatgcg cgtataaatg atggtgatga    360
tgagggcttt atctttttact tctcggctta cttttttgaac atacttttt gcttctgaaa    420
aatagcaata ctaataatag tagatattcg tcttaagaat aaaatactat tctcatcatc    480
atataagata acataataaa cattcttgga ggtcctatca aaatatcatt aaaaggcgcc    540
tattatcacc tttaggagat catatttcaa ttaatatggc cctatgttta aacaatatat    600
gactcgggac                                                           610


<210> 7377
<211> 674
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G


<400> 7377
cccacacctg cggattttcat tccctcgacc cacacaatcg cttccatgct accaactcgg     60
gcggccagga ccatcgcctg ttccgcatgc cgcactatcg tttgtcctag cacgattgga    120
tccgcctccc tcctccgtcg tggtctgtcg acatccaccg agcagacacc agtcgattat    180
gcagacaagc ctcgatggtc ctatactcct cccagtgcaa aggctccctt cagcttgcga    240
ttgaatagca agagacgtga ttacccagtc aacaccgatc cgcaggtcct tgacgaattc    300
```

```
tacatccgca tgctgggcaa tgatggtgac aagctccttt cggacgaaac caaatggctt    360
gctgtgacgc acaagagttt cgaccagggt cgaagaggat tcaatgaccg tctggctttc    420
ttangacgac ggatcgttga gttacaggct tctttggcca tggtgcagag ccccggaagt    480
gctgcattca ccgcttgccc tgatgagttt gaccgtgtgc ccttcacgca cccggcattt    540
gangggcctg gagaacctca cccgtcacaa gaattacctg ataagcaaag cacagctttg    600
cgagcctgcg canaagtatg agcctgcaaa ggtgcctgag atggagtcct cggaagcccc    660
aacaccttgc cagg                                                      674


<210> 7378
<211> 598
<212> DNA
<213> Aspergillus oryzae


<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G


<400> 7378
cgaggtttct ttgttccgtg acgggggttt atttattgga atttatcgca gtgaaacaga     60
tagggaaata agaaggacag cacggaagaa taaatccgcc aagaaaaggc accgaaaccg    120
cgggggaaag ataaggcaaa cacgcaatca cctcttcaat caaacttcaa ctatcgtcaa    180
ctaaagcacg ttggtggaat tgtcctgggt tcgccggttg tcggaatttg ctaaggtctc    240
gacgatggag ggatacggca ctatctcaaa tttgaccata acgagggttg gcctgcagtg    300
gtcacctgct ctggaggaat ttcttttttt atcccgagtg tcatcacctc ctgaatttgt    360
atggtgaacg gctcttcgcg gctccatctg taaaattatc ctttcttctc caccccctca    420
gccctactag gctatgttct atcgttctaa ttggtggaga acgaccatgt gggggtgttg    480
tcaggcaacc atattttgac caatggtggg agacgatggg ggtttgctcg gtttgtctgt    540
ttctctgtcg taccgtccat gatacctgta ttgtatttat gtaactgagt cagatgtn     598


<210> 7379
<211> 649
<212> DNA
<213> Aspergillus oryzae


<400> 7379
gggattattc acattccctt ccacaaaacc atgattctct tcccacgata ctatctgttt     60
gagataggtg atcaagcctg gtgtcccgaa tggatgagag catacatcca atcatatcta    120
acccgcgtct ggaatctgca tatcccgcca ttcagcaacg cccctccagc aggggtagca    180
gcagacctta ttctcggaca cataaaagat ccggattctt tcacattcgt tgatctttgt    240
gcgggtgcag gcgggccgat tggaacgctt gagcacgttt tgaatgagaa gcttagagcg    300
gaaggcaagt cagcggcgcg atttgttctc acggatctgc atcctcgagt ggaagaatgg    360
tctgcgatta gtagacgtcg ggagaatatc tcgttcgtta gtgagcctat ggatgctgcg    420
aaatgtgaga gagtggcacc gacaaaccgg aaggagtgca gattcttcaa tttatgtttc    480
accattttga tgatttgctg cgtcgactat attgcgaaag ccacagagtc tgctgatttt    540
ttataatttt cgattttgcc agcgcatttc ccatcggtgc taacaacccc ggtatgcctc    600
cctttctttc tggatacccc tttggcggac agaaattttc ttttggatt               649


<210> 7380
<211> 657
<212> DNA
<213> Aspergillus oryzae


<400> 7380
cccggaaggt aatcccataa ttcctttctt cggtgtcccc ggatattaat ccattcaacc     60
attacaaaca ttgccctgc cacttctcta tgtgcttgtc tgcgcccacg ctttcacact    120
ccgagaccgt tcgcttcgtt ggccgcgttg ccaacacttg ctttgtttcc ctggataccc    180
acgacgactt gactggtgtc tatttccaag ggactaccgc gctggctgga tctcgggttg    240
tatcgtctac ccggcttccc gaatcctccg tcgacaaggt gaattggcta ggggtccttg    300
gtccgtcctg aacaaaggcg gacggtaatt tgctgctttt gagcatacag tgcgatcagt    360
```

- 2621 -

```
caagtccagc cggctgagca gaagtaggat ctatcgtgaa aaaaatacta cttgataggt    420
ctcgcaagtg catagccgct gattcatgac ttgatgggtg tgatattctt cggttacaca    480
ttgtgcttat cggcgccttt acgcttttgg atctatcggc aatttgggtg tgacggtccc    540
cttttcggat aatctttgga taaacgacgc caggtaaatg gaagtcataa agctatagtg    600
aaaaaaacca atggagatgt taacacattt caggatgaac tttcggcggg gactctc       657
```

<210> 7381
<211> 661
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

<400> 7381
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cattatcttc caaaaagaca tgtgcgctta ctgaagagag cgtctacaca tcatgtggac     60
atctcgagta cgacagcccg tgacaaatat tgtcaccgtc tcacgtcgcc ttgctaggag    120
tgctcggcct gccgtcattc cttggagaag aggctatgcc agttatggcc ctaatgcata    180
tgaacagtct gggtcctctt cacgttggct taagacttct ttgggccttg cgggaacagg    240
cgctgctgct tttctcgtct acacctacgc gacactcgat aaaagtcaag ccggaagtca    300
tgcagacaca aagggtctct cacaggcgac agagcaactg gactcgcagt atgtgcacca    360
caaatgaagc ttaaaaagcc ctgccgtgta tttatggggc acaaattcca ttcgtgtggt    420
ggaccccaac tccaaggaga ctgtactcaa aacccctcga agacttcatt atttggacgg    480
tcagggcta agggacctca accttttttga caactttggt tcatcaattg ctggaaatgg    540
agaccttatt caacggggaa agggatattt aaagcccggc tttaaaccca caagaacttt    600
ggccggaaag aactttacct tgcttgccag tgtaaaacaa ccagattctt ggccttgacg    660
n                                                                    661
```

<210> 7382
<211> 654
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

<400> 7382
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tagtgaccta tgcccttccc actcgttatg gatttacatg agtttataca gagattattc     60
ttgaaaatac tacaggctat ttcgcccgga aacaatataa caagaatgct cttagcatct    120
cagatgagcg tttgtctgaa caacaaaaag gaagcgagaa acttttccct gctcttcctt    180
cccttccccc tttttcttatc cccgcccttc ctcttttgtc tattattttt ctccttgaag    240
ggccttaata actatgaaca aggtaatctt aacaacggct cactcgtgcg aagaccaatc    300
aattcatggc gggcccggtg cttgtctgag gaaggatatc agattgtgag ttgatatgca    360
tgaaaacgca gtgctcacag aataagaaat tacacttgct gtcagtcaac cgtatcgcgg    420
agtagtgaga catcangccc gccattgtaa tagtcgcaga atgggacagt cttctgtgg    480
aggttgacat tcatccgtct gtgtggcagt ggtacagagc acttcgtaca cagtatatac    540
ggagtagtcg tcatgattaa agggctgtct ttggctggg tgtacctta ctcatagatt    600
tttgttgaca gaagcctatt atagacgcag ccagttagag aacacgatat cctg          654
```

<210> 7383
<211> 297
<212> DNA
<213> Aspergillus oryzae

<400> 7383
```
cggacgaaca ttccagtcgt cgctagccag gaatgttcgt ccgttttata tcgcggagag     60
```

- 2622 -

```
gatccatgac aggcgcaaat ctgcatagat agagtggccc atgcctttgc aatggtttga      120
tggagtccgt agacaaagca aatcgaggcc tccttgttga tgctttacca gagcgtcctt      180
agagcctcct tcgtacaatt gtaccatctt aaggttttaa tatgtaggac gcgaccatga      240
tatatacaat cctcaaacgg cgatggagaa cgacttcgag atcatgatgt ctacaac        297
```

<210> 7384
<211> 816
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(816)
<223> n = A,T,C or G

<400> 7384
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gccctttga attcttaagc tctgccttaa gcctggtgcc caacctcgat tccattatta       60
ccggccgcca tggggctgaa tttcggccca aggaaacggc acctcaattt caatcattat      120
agctctttaa aacagcaagt caggagcttg ctaaaattgc gtctagcttt gctggagagg      180
taaaagaact agtgaagagg agaaagcata ctgtcattct agaaaggcaa aagcttttgt      240
cacatgccga atccatgaaa tcagagttat gggccaccgg caagttgaga aataaaacca      300
cattcattag aaatatacag ttattcttca gacccccaga ggaatcaaag ctagacaacc      360
cgccagtccg ccaaaggaag aagttaactc gcgagcgatc tgaaagaatt cggaacctaa      420
cgccagatgg gacaatcaca tgggccgctg cttttattcc cagtgtttgg gattcgaacc      480
atttatcgaa gagcactttc gacttcgttg ttgaattcct ggattcgcac catccacgtc      540
gatggcctgc tcaagtatac gaagtgttgg atacactanc agctgagcaa ccactccgag      600
atttccccga attcaagaat tcttgatatc ggtgaataga agtgcagaag atgctcgaaa      660
ggaagaccca tcttgtatac aacaaacttg accaaggtcg nattgcgtcc ctgaagttca      720
ccggcctgcc ccagaaagca tcgaaatggc atttctcggt tcccctccc aggtggatga      780
actccttgaa acttttctt cttcaacttt tggcct                               816
```

<210> 7385
<211> 644
<212> DNA
<213> Aspergillus oryzae

<400> 7385
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gtcgtttcaa ttatcgcagt gaatcggatc gatcaacgcc tgcacacaaa gagacagatc       60
aaccggttgt ttttttttct tttttcgac tcctctcaaa ggggggaagg aaaaccatca      120
gaattctcct atttacacgt taacccagtt caagagttgc cttgagcgag tggatcggta      180
gctgtcatgc caagaggaga tttgaaacac ttccgaggct cactgggaaa aaaagaggtt      240
gccctgatg tggttcgtac aaatagttcg acatgttcaa acacaatcta cccacccaag      300
aaggaatgtg agcagactaa tgtatgtgtg gaagttgcat ccatccattc cccatattct      360
ttgtcttcgc ttttcattcg caccaccgct gatcaccttg gggatccaat gatgcaatga      420
cccgaaaaat caaggttcca attcaaggga tcaactggga atatttcttt tttgtctcaa      480
tgtctcccct cactcagctc cacttggtag ccatggaaga agttcggtcc aactgtagat      540
cggggcctag agcaacgccg gtttccgacc agagccactc atgaagaccc aagagcttgg      600
ccgttgaagc cccccgacta ctatttgctt ctgaatgatg gaag                      644
```

<210> 7386
<211> 696
<212> DNA
<213> Aspergillus oryzae

<400> 7386
```
ggttatcagc cagctatcag catttttctt cttttcggtg atccaactcg ctctacaacc       60
aactacatca tcatgtattc ttgtgccaat tatcctcgcg gttgccgtgg ccgcgttaat      120
attcaaggag gaaaatgcgc cgattgtgtg caactgaaac tccgtcgacc atcatctacg      180
tcccctttg cccagtcacg agattaccgg agagcgttgc cctcggagat cttgaatgac      240
tcccttaca gggcgatcgc tcgggaattg ctgtaaacct gcgatactgc ttctaaaccg      300
```
- 2623 -

```
agacggcacg aaagacctcc aggacttcga ccggatatcc agggtcctgc aggttgggac        360
tgagtcccag agacctttca cgcccgtctc aatcacggca cctgtctttc cttaacctag        420
tcaattatgc tctgacttga tgcattgttg ggagttgatc gatcatcgga ttcttatacc        480
atatacaagg gcggctttct cgatattact ggaccggcgg ttcaagcact gcgattatta        540
ttattcatct ctctcatttt tcttttgggg gaatatgcga gacaaactgg gtacgggatg        600
ggtgatttcc ctaatcagct gctggaaagg cgaattggaa tttttcctaa aaggcatacc        660
ccgggggaat agaacgcaca accatgaatc tgctgg                                  696
```

<210> 7387
<211> 655
<212> DNA
<213> Aspergillus oryzae

<400> 7387
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cacctctcct ttctgtccct gcgagcagtt gcgggttttc gttctctatt tttgattctt         60
ggcagagatc ctgtgggttt cttgcgacta gtttttggtt tacttttgac agctgcaaga        120
ctttgaaatc tgggaaaaaa atggactggt taacctaacc aacttttaa cattctttc          180
gttgccagcc gacctgtggc attccacccc tccaaccttt caagttccaa tcaggattat        240
tggttcttgg aaccggcctc ttaaccaaag aatgaattct ttggggcggt ccttgatccg        300
caattccatt ggcttcttgc tggcgtgaag agaagaccgg caccagggca ttggcttatt        360
cattcccttg gcctaaacat aataggaat ctccgatcga atcataaatt cctggatctc         420
ttgttgcccc cctgtgcctg atcattacat tgtgggctgt gaccaattta ctgggaaccc        480
tttctttttt ataccgtgat tggggctctt actcttttg gtgtgccggg ctcgcattta         540
atttccaaat ttttgaattt cctctggggc ccaaaaaatt tttttttttt tattttccgg        600
cctccaatta aaaaaacctt ttggtaccca gagacccct ctttgtgggt gccgg             655
```

<210> 7388
<211> 360
<212> DNA
<213> Aspergillus oryzae

<400> 7388
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ccagctgctg agcagaagca gcccctccct ccagccgtcg aagagaaaaa ggaaggaggc         60
gcagacagtc actaggatta gttgagcatc atcgtggctc catcgtttct gccacgtccc        120
cggaggaaaa agcgaaggtc gctcaggata tccgtaagtc gatttccggc ggtcatgcag        180
agatgctgga gtcgttgcgc gacgaccagg cgcagaaagc tggtcaggag gaaaccattg        240
atgaagagtc agaaagtggc gaggctgtcg aggatgctat gaatcgaaag gcaaagaaac        300
caggttctag ttgaacggcc catgataggt cttcgttgaa ctgccgctga ttgctttatg        360
```

<210> 7389
<211> 700
<212> DNA
<213> Aspergillus oryzae

<400> 7389
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cctttgcata ccagtgaata tggccagtac ttcatggttg ccaaagtccg agcgtagtgc         60
agtggagccg gtggatcacg gcgttatggc cggagatgag aagctacagc gcaaaaggac        120
acagaacagg ttgaaccaga gagcgcgcag acttcgtctt cgagacaagg atcaagccca        180
tataaccgcc aacccgcgtc cattccgagt ctatcgttgg cggcttgagg atgaaagtca        240
aaccacgtca ggcgcaagca gcaagcatct gaaccatggc ccagccccga acaacacaga        300
gtggagtgag cactccgcac cttatctttc cgttgcacca ttctcaatcc cacacaaagt        350
gcagagggtt ttgcatgggt cgtctgagac ggaagtttcc ctacctgctg accacttgct        420
acatctgatt cagtttaacg tgctgcgagg agtccaccat gctaaggtta tcctggccgg        480
gtcatccgcg ttcatcatcc caggcattga gaaaaatgag atccgccccg gccacctttg        540
gtttctcggt acttccatgt attacgcgac aaggcccggg ctccctgaga gtctaattcc        600
gacgtcgttg caaatggata ttgaacacgc gccctggatc aacttcttgc caattccacg        650
gatgcgagat aatttgattg cccacgaaaa ctgtttttgat                              700
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<210> 7390
<211> 547
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<212> DNA
<213> Aspergillus oryzae

<400> 7390
ccatactatg cactgcgaat atgtacctct acgactacta atgttagtca tgtccttggt   60
gctccatcgg caatagatac atctcgctgt ttggctggtg aacaccccat tgctgagcca   120
cacaaactcc aacgccatga ctcgccagcc atgaatcctc aagacagtgc cgtttggcgc   180
tggcttcgtg atgtgccttg cgcaacagta gctaccccac cagatacagc gccgtctacg   240
ccattaggtg atttgatacg gaaaaggact atgaccacca gatctacgag tcctgcgaag   300
cgccagagga ttcttgacga taatgtaagt gcctcgggga ctgtggttac acatcttacc   360
gagagcacaa ggctttccta tcggtcgcct tctagcccgc tctagccgat atcagaagga   420
tgagagtgca tggtgcacca aggtggtcta tcctatgtta caccttgcat ctaagggcag   480
tatgcttaaa gcggagaacg tgcaacccca aacgacaact tggaacttgt tcccgacatg   540
ccgaaaa   547

<210> 7391
<211> 303
<212> DNA
<213> Aspergillus oryzae

<400> 7391
ggaagggtaa atactttagg cgtcaacccg gaaattgacc cactgacgca gattgtcacc   60
ttaaggtcgg ccaaaatagc atctttacca actcgtcccg cgccgccagc tgaaaactag   120
ggcaaggaat atcctgagag agcatcgacg gcacagtttc cttgccgaaa aacggcaaga   180
gatcttcgag aacaaggttt accacatgct cttaaatcac aggccttgct aaatactttt   240
tccaactttc tattctcctc agattcgcta gataactaat cttgacggaa cagctgtagc   300
gac   303

<210> 7392
<211> 726
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

<400> 7392
gatatgacag cttttttaccg aagttcgcac gaggtatctc tctcggtcac caagaaagga   60
gcgagacgtt cattatgctt gacctggaaa ctttgcgggg ttcctgcggc ggttcattcc   120
tattcttgct aatttccagc tttaacgcac tacgtatgca cctaacggcc aatccggtgt   180
ctgtgtgtct gtcacggagg agtggtggca aagttgaact actcctgttt cgagattttc   240
cgtgcaataa tatccttctg cctggggtcg gtagaagtcc acttatgcca caatgggccc   300
aaatcagccc cctacagctg cggcgaaatg cagacgacgg ctgtttggaa cccatctggt   360
tcaacgctac cacttttgcc cttattctga ctgggcaatt tgaccccgta agctcgtggg   420
gaaggttatc taacgtcgaa ttacgagagc caaggaattt acgacgtac tacatccttg   480
agcctttcct cctcaattcc cccgcagcct aagattacat tcgtggcctt acttttcttg   540
gcatggaacc tcgtgtccag agttttcagg aaccaccaca ccacatccag ggctcagaag   600
tccattaggt ttttttttta cttcatatnt gatcgtccgg aacggtgccc ctgtacggtg   660
ttccaaagtt ggtcagtaaa cttactactg cttagtccat tccgacctgt ggagtcagtc   720
cctttc   726

<210> 7393
<211> 634
<212> DNA
<213> Aspergillus oryzae

<400> 7393
aacatatgta tgtccgactt ttttgtattc tcgtaacctt gggatgaatc tatcatccaa   60

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gttttgaatt aaaaaggaac gaagtagcaa gagggaacag acaaaagaat tgccaacacg      120
aaacacgctg agtacagtcg gtctcctgat atgcgtcgca accaattctt tgcggaaatc      180
caaggttttc cttgacgata aacgatcttg ggacagaagc caatcaagtt catcatgtgg      240
aactccaaga attccctacc catgattgat accctgactt ttggaaggag cactggggca      300
gtggtaggtc cccaagcgaa gcgggaaggc agcagccct agacctttgt ggtttgcttt       360
ccaggaaaca gatggcttaa tgatgaaaac caaccgttaa gcctctgcct gacgcgagaa      420
agacgcttca cagaactgaa cctgtcgggt ttcccaaaca ggaatagctt ggctgtgaga      480
aagagataaa cgggcttgcg aacaggatcc cacgagttct cgcagggtga atcaagggat      540
gacgttttg agctcgggaa tatgacttct tttggtttct tttaggggct tcgggactcg       600
ggttgaccta aagctttctg ccggaggatt ggtt                                  634


<210> 7394
<211> 676
<212> DNA
<213> Aspergillus oryzae

<400> 7394
gaagacaaag actatctaat ctcttttgag aaatcgggga cccttgttac aattgccact      60
gtccgtcaca aggaggtctt gcagttagcg tgtctcaatc cccatctcaa gcaagttagt     120
ccttggtaat ttcgccaatc aataacccca accggggaat cccaatccaa aaaggcccaa     180
ctcaatttga aacttacaaa atttccaatt gcccggaata atgaattcgg aaataatcca     240
aacttttaca acaaaaggac cttaaaaaat cctggttaac ttcaacttaa taaggaatat     300
aatcaactcc aattacccct cctttacaac cggaaaaggc ttgcccccta aaatggtcga     360
aaaaatccaa cttgaaatgg ttgcttatgg ctaaggaaaa atatggggtc tggaggtctc     420
catatcctca attcgaataa ccctcttccg agatatggct agaaaataca cacatatgtt     480
aacggccccc tttgaatacg acaggttcaa tgtcccctg tgatagcgag actctgctgt      540
aaaaccctgt cataatcccc ggacactaac ccgttattca cgggtgtgca tacaatcgcc     600
cccctgctac atatgtctcc tgatcatctg tcagtggcaa atattctgtc atttaagacc     660
cgtaataaac gccccc                                                     676


<210> 7395
<211> 61
<212> DNA
<213> Aspergillus oryzae

<400> 7395
cgaggaacct tagggtttgc ttttatttat ctaggtaata taccaagttt agagaacgtt      60
t                                                                      61


<210> 7396
<211> 647
<212> DNA
<213> Aspergillus oryzae

<400> 7396
cgttccgggt atttagcggc gtggatggtc aaggggatat ccttggccat gacttgatga      60
accctatgt gcttctccga datgaagcaa gagtacagaa ggttgggccg agtccgccgc      120
catctaccaa atccaagagt atcagcggta ccacgtggaa ctcagcgcct gagttcttag     180
gctatgtgga tgatattctc gaacaacgct cccaaggtgc tcttctacag ccccccgaga     240
ctcctcttga aaagcgccca agccacgacc tgtcgttggg cccgctgtcc tgcaaggatg     300
ctattgatct cgcgattctg cgaagcaacc aggctcttaa ctcgtcacgc agccccaatc     360
gatttgagat tgcacgcaat gggcatcgga ttgccgttgt ggtgctcaat cgaccagctc     420
atcgtttagg ggaaaccatc attgctacgg tgaactttgc ctgtaccgcg ctatcctgct     480
atgcggttcg ggccacgcta gagacatcgg agatagtgac tgggtcatta gcagtgcggt     540
ctggcgcaag tatccgccgt gccactcgaa agtacatgct tgcttattcg aaacaccctg     600
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<210> 7397
<211> 670
<212> DNA
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<213> Aspergillus oryzae

<400> 7397
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tcggcaacat ctccaacgga cacagcaggc cactactcca gcggggatga acagcggcag     120
catggccaga cacgtaattc atgacttgat acaaccggcc agagtcgact gcaatggaca     180
cgtttggctc aggaacggga ttatggattt gatttctctt ctattgtttt tccaaggcgg     240
gcatgtctgg agaatttgat ttatttaatt tgtttttcccc tcttcatctt caggcgctgt   300
atcgatagtg cgttgaatgg ggacaggcct tcttttgata tacctggtgt tcttatgcat     360
ttttggcgtc tctcgcacac gttgatgcac atggtcgagt ccgtgtatgc atgtgccatg     420
tctcaaacgc gtgggtcaag agactggatt ctttcttgtc gttctggatt aatatatcgc     480
ttttatccgt tgaatagtca atgtgttgga tgtgttgatc tttcacattt ccgcccgatg     540
gaggaaggag gaagaagaga atttatggga ggtggttatg tttcatttaa attcctgcat     600
gtcgcgggca catgttttgg tggcccacaa tgggatggtc acactgcagt ccaaatgaag     660
catagctgct                                                           670
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<210> 7398
<211> 53
<212> DNA
<213> Aspergillus oryzae

<400> 7398
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tggggggaacc cttgagggtt tgcttaggac ctgacccaaa gggctctgaa agc           53
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<210> 7399
<211> 691
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 7399
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ggaggcaaca tcgatataca gagcatcana tcacatggct atgctgggcc aagatacttc     60
cctgccggag gtttcaggta gataaccctc acgggctctt gtctgtgaca taatgctaca     120
ctacctaagt actatgtccg cttattgaaa tatatatggt ggagtcttat gaaaaagatg     180
ccctaactgt ccaggtcaca gccactttca ccttcgatta tatttccggc cagccaacat     240
gattatattc actccattcg tacaagtaga tgtatcacgc agcgtgtact attggcgtat     300
tatctcttat caaatcatgt cctatggaac ttatggcagc ttaaatattg tggatcaaca     360
tgtactcttg agttcctacc acgcgcaatt gaaatgaaca tggtgctttg catcgaaaat     420
aaaaaaaaat acacattact ctttttaata tacctattta taacatctga tattatatat     480
ttattctggg gccgtttaac atttttttaa gggccaataa ttaatatttt ttgacccctt     540
aaatttatcc gccttcacac caatttgttt atccagaaag agaggggtta cacccatga     600
ggtctagccc attgttaatt tttcaagatc atgaaaaaaa aaaaactat tattatcata     660
caattatatt tttatctatc acaatacctc t                                   691
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<210> 7400
<211> 101
<212> DNA
<213> Aspergillus oryzae

<400> 7400
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ggggcaatac tttaaaaggg ccaaatcagc aatgatggat acaggattgg ctgagggggg     60
acacatttt gtatttttct aattttcttttc ctataatact t                       101
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<210> 7401
<211> 856
<212> DNA

<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(856)
<223> n = A,T,C or G

<400> 7401
gcggtacctt ggttagtggt agcacattac gataccatca aatcaaacta gccacggcat   60
atgccgtgct cgccgtaatt ggcatgctaa tggcagctgc gaatatgctt ttcgcgctga   120
cccgtggcca tcatttgaga cgagggatcc tcttccccgc tatcatactc ctaatcctat   180
cgtcactggg aatgacggtt ctcgacctcg ccaaccacat cattatcgat acctacaag   240
cagaatatat aagcaaggga atcgacgcat ataaccgctc cttggaggct cagaatttcc   300
tggggtattt cttctactca gtgacctttc tcatggctct tcttgtcgcc tcgtcgaagc   360
aattatccga taatacctct accgggcctg ttaagcacct ccagaaccaa cagaagtatc   420
ctggggtctc gcaggctcaa cagccttatc gggcttatcg gccacagggt caggcgaaga   480
tgcacaatgg ttatcagtag tctctgttgt gttgaggtat gcggagtttg gtagggcttt   540
atggtagtga atgagtgtgg actagatgct agagtctact tggtgggtgc gtgatagaga   600
tggtttattc gtgtggtgct tgcaggtgga tatattatga tataatgtct ttcttttgtg   660
gtttgatcgc tttgcgagtt tcttgatata ccccaatacc ctgatgctga gtttgaagat   720
agctttgctt tgattcntnn nnnanaaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   780
nnnnnnnnnn nnnnnnaaat tcttggggcc gttcaacctt gcttttaaag ggccgcttct   840
tgaaattagt tttgcc   856

<210> 7402
<211> 2061
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(2061)
<223> n = A,T,C or G

<400> 7402
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aacccnaatt ccnttttttt tnggaagggg gccaaccaag naaaaaaccc ccaaaattta   120
ggnttccaaa aacncccggc ggggggaacc taatgagcta gtagcgcaan ntcnncgaat   180
cggtctatcg atncggtccg nggcggactc aggagactna cttgtacacc atcttttgag   240
gcacagaaac ccaatagtca accgcggact gcgcatcatg tatcggaagt tggccgtcat   300
ctcggccttc ttggccacag ctcgtgctca gtcggcctgc actctccaat cggagactca   360
cccgcctctg acatggcaga aatgctcgtc tggtggcacg tgcactcaac agacaggctc   420
cgtggtcatc gacgccaact ggcgctggac tcacgctacg aacagcagca cgaactgcta   480
cgatggcaac acttggagct cgaccctatg tcctacaac gagacctgcg cgaagaactg   510
ctgtctggac ggtgccgcct acgcgtccac gtacggagtt accacgagcg gtaacagcct   600
ctccattggc tttgtcaccc agtctgcgca gaagaacgtt ggcgctcgcc tttaccttat   660
ggcgagcgac acgacctacc aggaattcac cctgcttggc aacgagttct cttttcgatgt   720
tgatgtttcg cagctgccgt gcggcttgaa cggagctctc tacttcgtgt ccatggacgc   780
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tgagatggat atctgggagg ccaactccat ctccgaggct cttaccccccc acccttgcac   1020
gactgtcggc caggagatct gcgagggtga tgggtgcggc ggaacttact ccgataacag   1080
atatggcggc acttgcgatc ccgatggctg cgactggaac ccataccgcc tgggcaacac   1140
cagcttctac ggccctggct caagctttac cctcgatacc accaagaaat tgaccgttgt   1200
caccagttc gagacgtcgg gtgccatcaa acgatactat gtccagaatg gcgtcacttt   1260
ccagcagccc aacgccgagc ttggtagtta ctctggcaac gagctcaacg atgattactg   1320
cacagctgag gaggcagaat tcggcggatc ctctttctca gacaagggcg gcctgactca   1380
gttcaagaag gctacctctg gcggcatggt tctggtcatg agtctgtggg atgattacta   1440
cgccaacatg ctgtggctgg actccaccta cccgacaaac gagacctcct ccacacccgg   1500

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tgccgtgcgc ggaagctgct ccaccagctc cggtgtccct gctcaggtcg aatctcagtc   1560
tcccaacgcc aaggtcacct tctccaacat caagttcgga cccattggca gcaccggcaa   1620
ccctagcggc ggcaaccctt ccggcggaaa cccgctggac caccaccacc cgncgccaag   1680
ccactaccac tggaagctnt ccggacctac ccagtctcac tacgggcagt gcggcggtat   1740
tggctacagc ggccccacgg tctgcgccag cggnacaact tgccaggtcc tgaacccttа   1800
ctactnttna gtgcctgtaa aagcttccgt ggcgaaagcc tgacccaccg gtagaattct   1860
tggngagccc gtattatgac ggnggggggа gcttacattg gccccgggg gattaatttt   1920
ttttggatct acttctggac cctttttnaa aatataccgg gcaacttatn ttttacttgg   1980
anaagccgnc tgnnttnggg natttgcnaa attgaaaccg tggggtcaaa acttnnaaat   2040
ttttttttt naaaaaaaaa n                                               2061

<210> 7403
<211> 3241
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(3241)
<223> n = A,T,C or G

<400> 7403
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aagacgcaat cgagattgca gatctgacgc aaactggccg tcaagatgct gctggtccag    120
agccagaagc cgagagccgt agcctcgaca aagcgatgta cttgaagctc atcagcgctg    180
gcttctcctt cttcgtcgcc ggagtcaacg atggagccat aggggctttg ataccctatt    240
tcatccgtga ctacaatgtt accaccgcaa tcgtgtccag cgtctacggc gccaacttcc    300
tcggctggct ctttgccgca ttaccaatac ccacctccgc agtatctcga ccttggcgcc    360
atgctcgccc tcggagccgc attccagatc gccgctcacg ccctccggtc ctgggaacct    420
cccttcggac tctttgtcgt cacgttttgg ctcgtgagcg tcggccaggc cttccaggac    480
acgcacgcaa actcgtgggt tgccagcgcc gtccaaaggg cgcgcatcgc tggctggcgt    540
ttatccatgc catgtacatg gcgggctgcc tcgtcggccc gtttgtctcg acggcggtgg    600
cttcggcggg agaggtcttc gcggggtac ttggttctat acgtttcccg ttggggctc      660
ggagtgatga aatctcgttt tgacgtgtgt tgcatttccg ggacacgctc gggctttcag    720
cggaagaact ttgcgagcga agagtcaagg acgaacactt ggtgaaactg ctgctgcttg    780
agccgagcaa cgaagcagta tcgagaaaca aggaggcgac gcagctcatc aagaagacgg    840
cgtccacgcc cagcgtctgg ctgctcagcc tcttcttctt cttctacctc ggctcggtgc    900
tcacggcggg cggctgggtc gtcgagtacc tggtcaacgt gaggcacggc aatctttcgc    960
agatgggata cgtgccggcg ggcttcaacg gcggcggtct cctggggcgg ttgctgctcg   1020
ctgagccaac acataggttt ggcgagcgcc ggatggtgtt tctgtatgtt ggtgcgtcga   1080
tcggcctgca gctcatcttc tggttggtgc cgaacattgt cgccgcatca attgccgtca   1140
gtcttatcgg cttctttaca ggaccgctgt ttccgactgg catctccctg ggctcgaaat   1200
tgtttccgtc agacattcac tccaccgcgc tgccgctggt ttttgtcttt gcccagctgg   1260
gaggatccct gtttccatc atcacgggag ttgtctctgc cgatgccggc gtcaaagtgc   1320
tgcagcccat gctgattgcc ctcctgacgg ttacggcgat tagctggcta cttgtgccgt   1380
cgccaaagac ttcnaatgcc gagctgcatc aagagtagtg gtgactgata ccgcgatccc   1440
tttacttatg gcacgcagac ggaggcatcn atggccagnt tgggagtgca tattgaacgg   1500
gcagcgcgta caagcgcccc tatcaagcaa ttgatgtttt actgcaggtg gagatgttta   1560
aaggcactcg acattgggat anatgatgtg ttttttttctc actagctact gatcgacaaa   1620
gaccatccat qtqaattata gtatcgctgg caacaatcca tcagtggtca tttgcggtct   1680
atcgacctgc gacagacaac cacaagtag ccaaagactc cgccaacgg nanccacacc   1710
atcgcacatc attgtttgaa gccggtcacg aaagccttac aaggaacgat gggtttgcgt   1800
ttgtaaaagc tgcacaaagt aggcttggaa cccaagcacc agcttnaggc gccggttgca   1850
aggcatctgg gagcgcncag tggaagtcaa atcgtggcgc actgctgtcg ctggtgccgt   1920
cacactcgcc ggcctggctt gacccagaca acgaatcca gcaacgagtc cccagtgttt   1980
gcggatgggc gaataccaaa tcggtgccg atcacattgc accagtctcc ccactgttgc   2040
tgtccggtag gctgctttcc cgatcgacct tgatcagtga tgaagaaggc gttggaccag   2100
ccgtgattgg caagaagagg tccaatagcg tgaatgtaca gcttctcgtt gtagacagcg   2160
ttgccttgcg tgtacgatgg ggggctggta atgttccacc cgttgtagtt ggcgacattg   2220
gttgccaatc cgcgaagagc tctcggagac gatgcattct tgtaaacatt tgcaaatagc   2280
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- 2629 -

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tgagcggccg ggtcttggtt tgccggccag ccaagccatc ctgcatggcc agcgtccaaa    2340
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gctgactgag cattggcaca cttttggagta ccgaggttgg tcaccaggtt ggcaanagag    2460
tcaggctcaa taaccagaag ggtccggata tcggaatatt ccacgacaat ttgacgaatg    2520
gtgtcgatat agttcttata tttggcgacg ccaccatcgg caatagagta ttcgccattc    2580
gaggcaaggg cagcgcaatc gcgatccggc aagtcataca ccacaaactg tccggcatag    2640
ttaccgccat tcttgttggc ggtgcggatg tcggccaagg tttgctccat gagaggggtc    2700
ttgtcaagag tatctagcca cataaaagag ggaacctttg cgacagctgc tgcagcagtg    2760
gccatggctc cagtcaagct aggaatagcg aggctgctaa cttcagaggc gtaatatgca    2820
ttggcccaag gagtgacccc aacaaaaggg ttgcctgaat acgtagcggt tcccgatccg    2880
actggaggta ctctggtagt agtagaacca ggtggaggcg tcgcggagct cgaccgggat    2940
gttgtggggg atactcgaga agtcgtcgac gcggcgcgcg tggacgagct tgagcttgca    3000
gcgccgggaa gacactggga gtaatagtcg ttggagtaga cgcatgtgct tccggaagca    3060
cagcaagtcg gacccgacca attctggcca ccacattggc cccagacgct tgagcaagct    3120
tgccgctcct ctagaggcac actagctgcg agtgtggcca gcgtagccag cgtggtgaga    3180
atgccgacaa tcatggtgca atacacagag ggtgatctta caagcctctt caggtagctg    3240
c                                                                     3241
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<210> 7404
<211> 2361
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(2361)
<223> n = A,T,C or G

<400> 7404

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ggaccagccg tcggtatcga cctgggtact acctactcat gcgtcggtat cttccgtgag    180
gaccgatgtg atatcatcgc caacgaccag ggtaaccgaa cgacgccctc gttcgttgcc    240
ttcaccgaca ccgagcgtct gattggtgat gccgccaaga accaggtcgc catgaacccc    300
cagaacaccg tctttcgacg ccaagcggtt gattggccgc aagttcgccg accctgaggt    360
ccaggccgac atgaagcact tcccccttcaa ggtcatcgac aagaactcca agcccgtcat    420
cgaggttgag ttcaagggcg agaagaagac cttcacccccc gaggagatct cctccatggt    480
cctgaccaag atgcgtgaga ccgccgaggc ctaccttggt accaccgtca caacgccgt    540
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cattgccggc ctcaacgtcc tgcgtatcat caacgagccc accgccgctg ccatcgccta    660
cggccttgac aagaaggtcg agggcgagcg caacgtgctc atcttcgatc tcggtggtgg    720
taccttcgat gtgtccctcc tgaccattga ggagggtatc ttcgaggtca agtccactgc    780
cggtgacact cacttgggtg gtgaggactt cgacaaccgt ctggtcaacc acttcgtcaa    840
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tgccaagatc gacaagtctc aggtccacga gatcgtcctc gtcggtggct ccacccgtat   1140
tccccgcatt ccagaagctc atcaccgact acttcaacgg caaggagccc aacaagtcca   1200
tcaaccccga tgaggctgtc gcctacggtg ccgccgtcca ggcccgccat cctgtctggt   1260
gacaccactt ccaagtccac caacgagatc ctgcttctcg atgtcgctcc cctgtcttct   1320
cggtatcgag aactgctggt ggcatgatga ccaagctcat cccccgcaac acccaccatt   1380
cccaccaaag aagtccgagg tcttctccac tttttccgac aaccaacctg gtggtgctca   1440
tccaggtcta cgagggtgag cgccagcgca ccaaggacaa caacctgctc ggcaagttcg   1500
agcttaccgg catccccccct gcgcctcgtg gtgttcccca gatcgaggtc accttcgacg   1550
tttgatgcca acggtatcat gaaccgtctc tgccgtcgag agggcactg gcaaagtcca   1620
acaagattgt catcaccaac gacaagggcc gcctgtccaa ggaggagatt gagcgcatgc   1680
tgtctgacgc cgagaagtac aaggaggagg acgaggctga ggccaagcgt gtcagcgcca   1740
agaacggcct cgagtcgtac gcctactctc tccgcaacac cctcaacgac cccaaggtcg   1800
atgagaaaga ttgaggccgc cgacaaggag acgctcaagt ctgagattga caagatcgtc   1860
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cagtggcttc gatgaacaac caagcaggcc ttctacttgg aggagttccg aagtcttcac      1920
ccagaaagga gccttggaag ggtgtcgcca accccatcat gatgaagttc tacggagctg      1980
gtggtgaggg tggcatgccc cggtggcatg cccggcggtg ccggtggctt ccctggcgct      2040
ggcggcgctc ctcaccaggg tggcgatgac ggccctaccg tcgaggaggt cgactaaatg      2100
cacaacaagc ccttttgatn ccccaaacat catcagactt gancctncaa gcttggtaac      2160
gcgtctacga tgtgtgnagg cctantntag gggatcaang gcatgatgca tgattaaatt      2220
ctttcctttg ntctcatttg cttttttccgc actancattt cacggatatn aagggtaaaa      2280
aancttggnc gggttggccc tggttntgta ctttaatgag ttntacgttt tnaanggaac      2340
caatccttaa tgggttnatt t                                                2361


<210> 7405
<211> 1933
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1933)
<223> n = A,T,C or G

<400> 7405
ncgcgccgat ncggcacgag ggcatgcctg agttggagtt gattatctga gcgaggagtt        60
gcgtgtttgt ctttttcaaa gagtcttggt cattgacacg ctttggtttt atctcgaact       120
tgcttacggt ccgaagcacg aacaacaaca agacggagaa caaagagaag aggaagaaga       180
agaagaagaa ggaagaagaa ggaaaagaag aaagaaagaa ggaaaaaaac agagagacgg       240
caagcatgtt gcccaaggac tttcagtggg ggttcgccac ggctgcctac cagatcgagg       300
gcgccgtcga ccaggacggc cgcggcccca gcattctggg gacacgttct gcgcncagcc       360
cnggcaagat cgccgacggc tncgtcgggc cgtgacggcg tgccgacttc gtacaaccgc       420
acggccgang gacattgcgc tgctcaagtc gctcggggcc aagagctacc gnttctccat       480
ctcgtggtcg cgcatcatcc ccgagggcgg ncgcggcgat gccgtnaacc aggcgggcat       540
cgaccactac gtcaagttcg tcgacgacct gctcgacgcc ggcatcacgc ccttcatcac       600
cctcttccac tgggacctgc ccgagggcct gcatcagcgg tacggggggc tgctgaaccg       660
caccgagttc ccgctcgact ttgaaaacta cgccccgcgt catgttcagg gcgcttgccc       720
aaggtgcgca actggatcac cttcaacgag ccgctgtgct cggccatccc gggctacggc       780
tccggcacct tcgccccggg ccggcagagc acctcggagc cgtggaccgt cggccacaac       840
atcctcgtcg cccacggccg cgccgtcaag gcgtaccgcg acgacttcaa gcccgccagc       900
ggcgacggcc agatcggcat cgtcctcaac ggcgacttca cctaccctg ggacgccgcc       960
gacccggccg acaaggaggc ggccgagcgg cgcctcgagt tcttcacggc ctggttcgcg      1020
gatcccatct acttgggcga ctacccggcg tcgatgcgca aagcaagctg ggcgaccggc      1080
tgccgacctt tacgcccgag gaagcgcgcc ctcgtccacg gctccaacga cttttacggc      1140
atgaaccact acacgtccaa ctacatccgc accgaagctc gcccgcttcg ccgacgacac      1200
cgtcggcaac gtcgacgtgc tcttcaccaa caagcagggc aactgcatcg gccccgagac      1260
gcagtcccct ggctgcgccc cttgtgccgc cggntttncg cganttctng gtgtggatca      1320
gcaagangga cnggtacccg cccattntac gtgacggana acggnacgaa gcattaaggg      1380
cgagagcgac ttgccaaagg agaaagaatt ntcgaagatg acttcagggt caagtactat      1440
aacaagtaca tccgtgccat gggtacccgc cgtggagctg gacggggtca aacgtcaaag      1500
ggtactttgc ctggtcgctc atggacaact ttgaggggc ggacggctac gtaaaaggt      1560
ttggggttac ctatgggat tatgaaaaat gggaagaaac ggttcccaaa gaaaagcgca      1620
aagagcttga agccgctgtt tgacgagctg attgcggcgg cgtgatggaa aaagttttg      1680
agttgatgat acctgcaaag ggatgctgaa gatgatgatg atgtatgaac acgaaaggga      1740
tagtattata gcaagctagg ataacctgat gcttcttcaa aggggaaatt gatatataaa      1800
catgcatata taatgaatca aacaggacaa tgtcggagga aaaacgaggg tgagagaatg      1860
gacagaccga tggacgcatc aagaatgggg tatgatagct gcatttattt ggctggttgc      1920
tattgaaaaa aaa                                                        1933


<210> 7405
<211> 1090
<212> DNA
<213> Tricoderma reesei
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<400> 7406

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aacgcagctn ttctcgccgc cctgtcggct ctcctgccca cggccctggn gcanacaat        60
caaacatacg ccaactactc tgctcagggc cagcctgatc tctaccccga gacacttgcc       120
acgctcacac tctcgttccc cgactgcgaa catggccccc tcaagaacaa tctcgtntgt       180
gactcatcgg ccggntatgt agagcgagcc caggccctca tctcgctctt caccctcgag       240
gagctcattc tcaacacgca aaactcgggc cccggcgtgc ctcgcctggg ttttccgaac       300
taccaagtct ggaatgaggc tctgcacggc ttggaccgcg ccaacttcgc caccaagggc       360
ggccagttcg aatgggcgac ctcgttcccc atgcccatcc tcactacggc ggccctcaac       420
cgcacattga tccaccagat tgccgacatc atctcgaccc aagctcgagc attcagcaac       480
aagcgggccg ttacggtctc gacgtctatg cgccaaaacg tcaatgggct tccgaagccc       540
cttttggggc cgtggccagg agacgcccgg cgaagacgcc tttttcctca gctccgccta       600
tacttacgag tacatcacgg gcatccaggg tggcgtcgac cctgagcacc tnaaggttgc       660
cgccacggtg aagcactttg ccggatacga cctcgagaac tggaacaact agtcccgtct       720
cggtttcgac gccatcataa ctcagcagga cctctccgaa tactacactc cccagttcct       780
cgctgcggcc cgttatgcaa agtcacgcag cttgatgtgc gcatacaact cgtcaacgg       840
cgtgcccaac tgtgccaaac aagcttcttt ctgnagacgc ttttgcgcga naactggngg       900
nttcccgaat ggggatacgt cttcgtccga ttgcgatgcc gtttacaacg ttttcaaccc       960
ttatgaacta ccccagccac caattcgttt agccggcggc agtttaattg ggaaccggga      1020
ccgaatttcg aatggggggtc agaattaccc cggggcactt aaaccatgtt tttggggcng     1080
gaaaattccc                                                            1090
```

<400> 7407

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ggtgcggccc tgcaaggctc tcgcccccga gtacgaggag gcggccacga ctctcaagga       60
caagagcatc aagctcgcca aggtcgactg tgtcgaggag gctgacctct gcaaggagca      120
tggagttgag ggctacccca cgctcaaggt cttccgtggc ctcgataagg tcgctcccta      180
cactggtccc cgcaaggctg acggcatcac ctcctacatg gtgaaacagt ccctgcctgc      240
cgtctccgcc ctcaccaagg ataccctcga ggacttcaag anccgcgaca aggtcgtcct      300
ggtcgcctac atcgccgccg atgacaaggc cttcaacgag accttcactg ctctggccaa      360
cgagctgcgt gacacctacc tntttggtgg cgtcaacgat gctgccgttg ctgaggctga      420
gggcgtaaag ttcccttcca ttgnctctac aagtccttcg acgagggcaa gaacgttta      480
acgagaaagt tcgatgctga ggccattcca actttgctca aggtgccgcc actcccctcg      540
ttggcgaagt tggccctgag acctacgccg gctacatgtc tgccggtatc cctctggctt      600
acatcttcgc cgagaccgcc gaggagcgtg agaacctggc caagaccctc aagcccgtcg      660
ccgagaagta caagggcaag atcaacttcg ccaccatcga cgccaagaac tttggctcgc      720
acgccggcaa catcaacctc aagaccgaca agttccccgc ctttgccatt cacgacattg      780
agaagaacct caagttcccc tttgaccagt ccaaggagat caccgagaag gacattgccg      840
cctttgtcga cggcttctcc tctggcaaga ttgaggccag catcaagtcc gagcccatcc      900
ccgagaccca ggagggcccc gtcaccgttg tcgttgccca ctcttacaag gacattgtcc      960
ttgacgacaa gaaggacgtc ctgattgagt tctacgctcc ctggtgcggt cactgcaagg     1020
ctctcgcccc caagtacgat gagctcgcca gcctgtatgc caagagcgac ttcaaaggac     1080
aaggttgtc atcgcnaag gttgatgcca ctggcaacga cgtnccncga cgngatccaa       1140
ggcttntccc accatcaagc ntntaccccg nccggtgaca agaagaaacc ccgtnacent     1200
aacagcggng gcccgnactt ggttgaagga cnttnattcg aagtttnatn aaaggagaaa     1260
cnggcaaggt acaaaggggc cgggcgttcg aaaatccccc gcccgaagcc cacccgagga     1320
ggtgaggttt ccagtncaag gctttgagag gcaagggttt cgngngacta cgaanggttg     1380
```

tnaanaatcc caaaaattgg ngggaaagaa aaaaacaaat ggtaattggg gtttggtttt   1440
gacanaaaaa t   1451

<210> 7408
<211> 1242
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1242)
<223> n = A,T,C or G

<400> 7408
gctttgtttc tttcacaaaa aaatgatcca gaagctttcc aacctccttg tcaccgcact   60
ggcggtggct actggcgttg tcggacatgg acatattaat gacattgtca tcaacggggt   120
gtgqtatcag gcctatgatc ctacaacgtt tccatacgag tcaaaccccc ccatagtagt   180
gggctggacg gctgccgacc ttgacaacgg cttcgtttca cccgacgcat accaaaaccc   240
tgacatcatc tgccacaaga atgctacgaa tgccaagggg cacgcgtctg tcaaggccgg   300
agacactatt ctcttccagt gggtgccagt tccatggccg caccctggtc ccattgtcga   360
ctacctggcc aactgcaatg gtgactgcga gaccgttgac aagacgacgc ttgagttctt   420
caagatcgat ggcgttggtc tcctcagcgg cggggatccg ggcacctggg cctnagacgt   480
gctgatctcc aacaacaaca cctgggtcgt caagatcccc gacaatcttg cgccaggcaa   540
ttacgtgctc cgccacgaag atcatcgcgt tacacagcgc cgggcaggca aacggcgctc   600
aaaactaccc ccagtgcttc aacattggcc gtcttaaggc tcgggttttt ttgcaagccc   660
agcggcgttc tagggaccga cctttatcac gcgacggacc ctgggtgttt ctcatcaaca   720
ttttacacca acccgnttca acttacatna ttccctggaa cctaccgngg gtattaaggc   780
cttgccaacg angtgttgcc caggggangt tnccctgcgg gnaacgggcc aaccggccag   840
gcgccnattt ttttcttgga aggcggtang cgggcccgac cagcaagaac cacgacaacn   900
gcgaggacga cgcangcctn aagcangccc aacttttacg ccttccgcaa ccacgtcggc   960
acctgctggc ggccaaccca nactttgtc nggcagtgtg gtggcagngg ntacagcggg   1020
cctactcgat gcgcgccggc agccacttgc tctaccttga acccctacta cgcccagtgc   1080
cttaactaga nggcatcacn gngggtcttt ggaactttga ggacacacgc cggctnatgc   1140
tttctanaac tgangtagtt gttcggggca aggaggaata atctttaca tatactggac   1200
ttgaatcttg acnatgtact tctggatttc actanatgaa gt   1242

<210> 7409
<211> 923
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(923)
<223> n = A,T,C or G

<400> 7409
tgggatatca gcaattgcca tttctgacct gtataggttt tcctatgcgt cattcctata   60
agagacacgc tctttcgtcg gcccgtagat atcagattgg tattcagtcg cacagacgaa   120
gcctctgctc gataaatatct ccccgtcatc gacaatgaac aagtccgtgg ctccattgct   180
gcttgcagcg tccatactat atggcggcgc cgctgcacag cagactgtct gggccagtg   240
tggaggtatt ggttggagcg gacctacgaa ttgtgctcct ggctcagctt gttcgaccct   300
caatccttat tatgcgcaat gtattccggg agccactact atcaccactt cgacccggcc   360
accatccggt ccaaccacca ccaccagggc tacctcaaca agctcatcaa ctccacccac   420
gagctctggg gtccgatttg ccggcgttaa catcgcgggt tttgactttg gctgtaccac   480
agatggcact tgcgttacct cgaaggttta tcctccgttg aagaacttca ccggctcaaa   540
caactacccc gatggcatcg gccagatgca gcacttcgtc aacgacgacg ggatgactat   600
tttccgctta cctgtcggat ggcagtacct cgtcaacaac aatttgggcg ggaatcttga   660
ttccacgagc atttccaagt atgatcagct tgttcagggg tgcctgtctn tgggcgcata   720
ctgcatcgtc gacatccaca attatgctcg atggaacggg gggatcattg gtcanggcgg   780

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ccctactaat gctcaattca cgagcctttg gtcgcaagtt ggcatcaaaa gtacgcatnt      840
taatcgangg gngnggttcg gcatnatgaa tgaaccccac gacgtgaaca ttaacacctg      900
gggttgcncg ggctaanagg gtg                                               923


<210> 7410
<211> 991
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(991)
<223> n = A,T,C or G


<400> 7410
caactactat tgcaattctt cttcacgtgg gcatctattc gtatcttaca caagggcgct       60
gcaactaatt gacttgatct tccatctcgt gtcttgcttg taaccatcgt gaccatgaag      120
gcaactctgg ttctcggctc cctcattgta ggcgccgttt ccgggtacaa ggccaccacc      180
acgcgctact acgatgggca ggagggtgct tgcggatgcg gctcgagctc cggcgcattc      240
ccgtggcagc tcggcatcgg caacggagtc tacacggctg ccggctccca ggctctcttc      300
gacacggccg gagcttcatg gtgcggcgcc ggctgcggta aatgctacca gctcacctcg      360
acgggccagg cgccctgctc cagctgcggc acgggcggtg ctgctggcca gagcatcatc      420
gtcatggtga ccaacctgtg cccgaacaat gggaacgcgc agtggtgccc ggtggtcggc      480
ggcaccaacc aatacggcta cagctaccat ttcgacatca tggcgcagaa cgagatcttt      540
ggagacaatg tcgtcgtcga ctttgagccc attgcttgcc ccgggcaggc tgcctctgac      600
tgggggacgt gcctttgcgt gggacaagca agaagacgga tcccacgccc gtncttcggc      660
aacgacacgg gctcaactct tcccgggagc tcgccgcagc gacatcgtcg agtccgccgt      720
ctggcggcgg caagcaaacg ctctatggcc aatgtggagg tgccggttgg acgggaccta      780
ccacgtgcca ggccccangg acctgcaagg ttaaaaacca ngtggtacnt ccagtgtctt      840
tncttganga aggcccaang aatagcccat ggtcttcttc tanccattct ttccnggcgt      900
cangtctgga tcttgnctta ttttaaatca aggtcaagtc caatattgta ttccagaaga      960
taataaaatt attgtatatt attagcaagt n                                      991


<210> 7411
<211> 1005
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1005)
<223> n = A,T,C or G


<400> 7411
acancgtacn aatgcttgga ttcagtttca ctgctgttga ccacggccat cctggccatt       60
gcccggctcg tcgccgccca gcaaccgggt accagcaccc ccgaggtcca tcccaagttg      120
acaacctaca agtgtacaaa gtccgggggg tgcgtggccc aggacacctc ggtggtcctt      180
gactggaact accgctggat gcacgacgca aactacaact cgtgcaccgt caacggcggc      240
gtcaacacca cgctctgccc tgacgaggcg acctgtggca agaactgctt catcgagggc      300
gtcgactacg ccgctcgggc gtcacgacct cgggcagcag cctcaccatg aaccagtaca      360
tgcccagcag ctctggcggc tacagcagcg tctctcctcg gctgtatctt ctggactctg      420
acggtgagta cgtgatgctg aagctcaacg gcaggagctg agcttcgacg tcgacctctc      480
tgctctgccg tgtggagaga acggctcgct ctacctgtct cagatggacg agaacggggg      540
cgccaaccaa gtataacacg ggcggtgcca actacgggag cgggtactgg gatgctcagt      600
gccccgttca gacatggagg aacnggaccc ttaacactag ccaccaaggn ttttggtgca      660
acgangatgg atatcntgga nggcaactng agggcgnatg cttgacccct tacttttgga      720
cnggcacggc tgngantttt gccggtngng ggttnaaccc tatnggaagn ggttcaaaag      780
ttattacggc cccggaaata ccgtgacacc ttcaaaaact ttaccttatt accannttaa      840
nacgggnaac ggttngcctt gggnaacctt gggagcttta cccgcaagtc tcacaaaacg      900
gggtnaaaat cccancgcca agccngggg gaaataattt gtcttgcccg tccgcttaac      960
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<210> 7412
<211> 868
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(868)
<223> n = A,T,C or G

<400> 7412
gttacaagag ccaaaatgcc ttcagtcaaa gaaacactta ctcttttgct gagccaagct   60
ttccttgcca ctggcagccc agtagatgga gagaccgttg tgaagcgaca atgcccggcg   120
attcacgtct tcggcgcccg tgaaacgaca gtgagtcagg gatatggctc gtccgctacc   180
gttgtaaact tggtcatcca agcccatccc ggaaccacat ccgaggcaat tgtctaccg   240
gcgtgcggtg gtcaggcttc atgtggcggc atcagctatg ctaactcagt tgtgaacgga   300
accaacgccc gcggcggngg naatcaacaa ctttcacaac tcttgccgga cactcaactt   360
ggtgttggtc ggatactcgc anggtgctca aatcttcgat aatgccctnt gcggangang   420
cgatcctggt gaangaatta ccaacactgc tgcccctaa ctgcgggagc agtttccgct   480
gttaaagcac aatctttcat gggaaacctc gaaacattca tggnctgcct ataacgtcgg   540
aacctgtact accaagggtt cgaccccgt ccgggtggct ttgtctgtcc ancgcgtcca   600
aaatcaagtt tactgngatg ccgaaaccgt actgntggac ccggaaatga ccccaacgtt   660
aaccaaggta ccggccagga ntccgggcaa gaagctttttg gttttattaa caagccaagt   720
ttttttaggg ggttttaaac ccccggcggg gggccgacca ggaccttcan ggccaaccag   780
ganaaaaaat nggaactttt ctgggccaaa ttaaaantta ttgggggggtn angcggaggc   840
cangnttgga ccggtcttac ccaagtga   868

<210> 7413
<211> 1478
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1478)
<223> n = A,T,C or G

<400> 7413
nngacctgaa gaggcgcctc gaggatgcca tcaacgccgg caaccaccag cgggccgccg   60
atctcaagta cggcgccatc caagagcagg aggcgctgat taggaagttg gaggagaaga   120
agaacgctgc agatgtcgcc ctcaacgcca gcggcgagaa cactgtcatg gtcaccgaca   180
tcgtgacggc tgataacatc aatgagatcg ttgccaagtg gacgggcatt ccgtcaccc   240
gactccgcac atcagagaag gagaagctta ccagatgga aaaggtcctc agcaaggttg   300
tcgttggcca gaaggaggct gtccagtctg tcgccaacgc catccgactc cagcgctctg   360
gcctcagcaa ccccaaccag ccgccagctt cctcttctgt ggtccttcgg gtactgcaag   420
acgctcctac caaggcgctg gccgagttcc tgtttgacga ccccaaggcc atgatccgtt   480
cgacatgtcc gagtaccagg agcggcactc gctgacccgt atgattggtg cttccgccag   540
gatattgtcg gccacgacgc tggtggccag ctgactgagg cactccgacg caagccattc   600
tccatcctgc tgttcgacga agtggagaag gcagccaagg aaatcctgac agtgcttctc   660
cagctcatgg atgacggccg catcacggat ggccagggca gagtcattga ctgcaagaac   720
tgcattgtcg tcatgacctc caacctggga gccgagtacc tcgtccgccc tggcgtgaag   780
gagggtaagg tggatgccaa caccaaggag ctggtgatgg gcgctctccg caactacttc   840
ctgcccgagt cttgaaccg tatcaactcg gtcgtcatct tcaacagact gacgcgcaag   900
gagattcgga agattgtcga cttgcgtatc agcgagatcc agaagcgtct ggnagacaac   960
ggccgcaagg gtaccatctc ggtctcggaa gangccaagg actacttggg caagcgcgc   1020
tactcgcccg catacggngc tcgtccactg gctcggttga ttgagaagga ggtgctcaac   1080
aaactcgcca ttctcatctt cgcaacgcca tccgcgacgg cgaaacggcg cgcgtggagc   1140
ttgatgacaa caagattgtt gtgttgtcga accaccccga cagcggaaca gatgatgatg   1200

- 2635 -

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acgaaaacat gtttgatgaa gangatgttg aggatgtgat tggagaagga catggatgaa      1260
gacatttttg aattaaaaca cccgaaaatt gangggggga ccaaatttga cttgaaaggg      1320
ttgatgactg aaaaatttga aaaagtctta attgtttcat tgatttacan ggcattaccg      1380
gagttaaggg atctggcaaa gcatggtttg tttgantggg gttttantta angggtcctt      1440
taccctangg gtnnaaanga aatgaatttt tattaaat                              1478
```

<210> 7414
<211> 850
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(850)
<223> n = A,T,C or G

<400> 7414
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ctagtcaaga acaacacagc tctcacgcta catcacacaa accgtcaaaa tgggtaagga        60
ggacaagact cacatcaacg tggtcgtcat cggccacgtc gactccggca agtctaccac       120
cactggtcac ttgatctacc agtgcggtgg tatcgacaag cgtaccattg agaagttcga       180
gaaggaagcc gccgaactcg gcaagggttc cttcaagtac gcgtggggtt cttgacaagc       240
tcaaggccga gcgtgagcgt ggtatcacca tcgacattgc cctctgggaa gttcgagact       300
cccaagtact atgtcaccgt cattgacgct cccggccacc gtgacttcat caagaacatg       360
atcactggta cttcccaagc cgactgcgct atcctcatca tcgctgccgg gactggtgag       420
ttcgaaggct ggtatcttca aggatggcca gacccgtgag cacgctctgc tcgcctacac       480
cctgggtgtc aaagcagctc atcgtcgcat caacaagatg gacactgcca ctgggccgag       540
gctcggtacc aggaaatcat caanggagac tttcaacttc attaagaagg tcggnttcaa       600
cccaanggcc gtggntttcg tccccatntt cggntttaac gggacaaca tgcttacccc        660
ttcaccaact ggccctgggt acaanggctt gggaaaaagg aaaccaaggt tggcaagtta       720
accgggaaaa accttcnttg aggccattga nttcattgag ncccccaag cgttccacgg        780
gacaanccc tgggtttnc cttcaagang tttacaaaan cgggggtttt ggaaaagttc         840
ccgtcggccg                                                             850
```

<210> 7415
<211> 898
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(898)
<223> n = A,T,C or G

<400> 7415
```
acgttctccg aatcgtcaac gaacccaccg ctgccgctat cgcctatggt ctggacaaga        60
ccgacggtga gcgccagatc attgtctacg atctcggtgg tggtaccttt gatgtttctc       120
tcctgtccat tgacaatggc gtcttcgagg tcttggctac cgccggtgac acccaccttg       180
gtggtgagga ctttgaccag cgcattatca actacctggc caaggcctac aacaagaaga       240
acaacgtcga catctccaag acctcaagg ccatgggcaa gctcaagcgt gaagccgaaa        300
aggccaagcg taccctctct tccagatgag cactcgtatc gaaatcgagg ccttcttcga       360
gggcaacgac ttctccgaga ctctcacccg ggccaagttc gaggagctca acatggacct       420
cttcaagaag accctgaagc ctgtcgagca ggttctcaag gacgccaacg tcaagaagag       480
cgaggttgac gacatcgttc tggtcggcgg ttccacccgt atcccaaggt tcagtctctt       540
atcgangagt actttaacgg caagaaggct tncaagggta tcaaccccga cgaggtgtt        600
gctttcggtg ccgccgtcc aagccggtgt cctttntggt gaagaaaggn acccgatgac        660
attggtctta tggacgtnaa cccttgact nttggtatcn aaccactggc ggagtnatga        720
ccaactnatt cccgnacacc cccatcccaa tcgcaaaacc anatntttty actgttggcga       780
taccaccccg tcgtcctgat ncaggttttt angggnagcg ttccatgacc aaggcaacaa       840
cttctgggca atttnactta cggnattcct cttgccccc cggggtcccc aaattgng         898
```

- 2636 -

<210> 7416
<211> 852
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

<400> 7416
```
aaatcctcag atacaaaatg gctcccatca aggtcggcat caacggcttc ggccgaattg      60
gacgtatcgt cttccgcaac gctgttgagc accccgagat cgaggtcgtc gccgtcaacg     120
acccctttcat cgagaccagc tatgctgcct acatgctcaa gtatgactcc tcccacggtc     180
tcttcaaggg cgacgttacc gtcgacggca aggacctcgt cgtcaacggc aagaaaggtt     240
cgcttctaca ccgagcgtga ccctgncaac atcaagtgga gcgaagactg gtgccgagta     300
cattgtcgag tccaccggtg tcttcaccac caccgagaag gccaaggctc acttgggttg     360
gcggtgccaa gaaggtcatc atctctgccc cttctgccga tgccccatgt acgtgatggg     420
cgtcaacgag aaggactacg acggctccgc cgatgtcatc tncaacgcct nttgcaccac     480
caactggctt ggctcccttc gccaaggtca tccacgacaa ctacggnatc gntganggtc     540
ttatgaccac cgtccattct tacaccggca cccaaaanac cgttgacggt cctccgcaag     600
gactggcgcc ggtggccgtg gtgcttgccc aaaaattatt cccancaaca attggtgccc     660
gccaaggttg tcggcaaggt attcccttgn ttaaanggaa gcttaccggn atgtccattc     720
gtgtccctac cgncaacgtt tccgtggtcn anttgaccgt ccnccttgaa aaggggnctt     780
ctacgacgag atnccganac cttnaaaaag gttgccgnng gtcccttaaa gggaatttgg     840
gcttaaacca aa                                                        852
```

<210> 7417
<211> 695
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(695)
<223> n = A,T,C or G

<400> 7417
```
atccccaagg agggcctgga gcgcgacccc aactggttga cgcgcaacgg cctcaacctc      60
gactccttca ggagaaagca ctatggcccc ggcatcgtgg agcttgagcg ccccatgaag     120
gcgcgccatc tgcacatgat tgccattgga ggctctatcg gtgctggttt cttcgtcggc     180
tcgggtggtg ctctgagcaa aggtggtccc ggttctctct ttgtcgactt cctcattgtc     240
ggtatcatga tgttcaacgt cgtgtacgcc ctcggtgaac tcgctatcat gtaccccgtc     300
tctggttcct tctacacgta ctctgctcga ttcatcgacc ccgcgtgggg ttttgccatg     360
ggctggaact atgtcctgca gtgggctgcc gtgcttccgc ttgagttgac cgtctgtggt     420
atcacgattg ggtactggaa tagcgacatc tccgtggctg ctggatctcc gtcttnctcg     480
caccatcatt atcatcaacg tgttcngagc cctgggctac ctgaagaaga gttttgggcg     540
tcgtgcttta acttcggagc gaccgtcgtc ttcatganca atggccgcgt ccttggctgc     600
ggnggcggtc cttngacggn cgtacaacna tactggggcg ctcgntactg gtacnacccc     660
gngcctttaa gaacggttta agggcttttg ggccc                               695
```

<210> 7418
<211> 737
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

<400> 7418
```
cattcactgc acccgatgtg tccgattcgc caacgacatt gccggtgccc ctgagcttgg    60
ctcaactggc cgtggcaacg acctgcagat tggcacttac ctggagaaga acctggattc   120
ggagctgtct ggcaacgtca tcgatttctg ccccgttggt gccctgacct ccaagccgta   180
tgccttccga gctcgtcctt gggagctgaa gcacaccgag tccattgacg tcctggacgg   240
cctgggctcc aacatccgtg tcgattctcg tggtcttcag gtcatgcgca ttcttcctcg   300
actgaacgac gacgtcaacg angaagtgga tcaacgacaa gacgcgattc gcttgcgacg   360
gnctcagact cagcgactga ctgtgcccct gattcgaagg gaaggccgat tcgagaatgc   420
cgactggagg aggctttgac cgtcatcgcc aagggcgtac cagcagacca accctnaggg   480
caacgagttc aagatattgc cggcgcgctg actgaagtag agtctntcgt cgtcgccaag   540
gacatgggca aacaagcttg gggtctgaga accttgccct ggataccccc acccggcagc   600
aagccccttg ttnacggaat ngacgtgcgg tcgaactacc ttttcaactt ccaaanctgg   660
gggcattcga ggaggctgan ttgcatgctt attcgtcggg agnaaccccg anacgaaggc   720
cgccgtctgn acgcttc                                                 737
```

<210> 7419
<211> 833
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

<400> 7419
```
tcgaggttga gtcctctgac accatcgaca acgtcaagtc caagatccag agacaaggag    60
ggcatccctc cgtgaccagc aagccactca tctttgctgg aaagcagctt gaggacggcc   120
gaaccctctc cgactacaac atccacaagg agtctacact ccacctggtc ctccgtcttc   180
gcggtggtat gcagattttc gtcaagaccc tcacaggaaa gaccatcacc ctggaggtcg   240
agtcatctga tactatcgac aacgtcaagt ccaagattca ggacaaggag ggtattcctc   300
cagaccagca gcgcctgatt ttcgctggta agcagctgga agacggccgc actctgagcg   360
actacaacat tcagaaggag agcaccctgc acttggtcct ccgtctccgt ggtggtatgc   420
agatctttgt caagacactg acgggtaaga cgattaccct ggaagtggaa tcatctgatc   480
catcgacaac gtcaagtcaa agattcagga caaggagggt attccgnctg accaacagcg   540
cttgatcttt gctggtaaca gtttggaaga cggtcgtacc ctgagcgact ccacatccag   600
aaggagacac tntgnacctg gttntccgtt tcggggcggc agtaaaccca cttctnttta   660
cgangnactt ttatgattgg gtggacnact cggcgttttt gggaattcta ggcaaatatg   720
ggaacttggc catttgcagg gggcattaat atnttatggt aaccnccctt tgggggttgc   780
ctaaattggn gggccnccttc aataccaatn ttggnccggt ttanaaaaaa aaa        833
```

<210> 7420
<211> 691
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 7420
```
tgtcttctga gaagcctcaa aaggtcctgg gcatgccgcc cttcgtggcc gacttcctga    60
tgggtggtgt ttccgctgcc gtctccaaga ccgccgctgc ccccatcgag cgtgtcaagc   120
tcctcatcca gaaccaggat gagatgatca gtgccggtcg tctcgaccgc cgctacgccg   180
gtatcaccga ctgcttcaag cgtaccgccg ccgatgaggg tgtcctgtcc ctgtggcgtc   240
gtaacactgc caacgtcatc cgatacttcc ctacccaggc cctgaacttt gctttccgtg   300
acaagttcaa gaagatgttc ggcttcaaga aggaccgtga tggctacggc atgtggatgc   360
tcggtaacct gcctctggtg gtgctgctgg tgccacttct atgctttttcg tctactctct   420
```
```
                                    - 2638 -
```

```
ggattacgcc cgtacccgtc tggcaacgat gccaagagcg ccaaagaagg gtggtgagcg      480
ccagttcaac ggtctcgttg acgtctaccg caagaccctc gcctntgacg gtattgccgg      540
tctgtaccgt ggtttcatgc cctccgtcgc tggtatcatc gnttaccgtg gtctctactt      600
cggcatgtac gactccatca aagcccgtct tctggtcggg actctccaga caacttcctt      660
ggctntttcg ttntcggtgg ngcgtcacac t                                     691


<210> 7421
<211> 828
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = A,T,C or G

<400> 7421
ggaccccggc ctggatcaca agcaggtccg agccttggac acgtactggc agcagctgcg       60
tctgctgtac tctccgttcg aggctcacct tgccgggccc gaccccgagg tgtacgagca      120
cgagattccc ggtggccagt tgaccaacat gatgttccag gcttcgcagc tgggtctcgg      180
atcgaagtgg ctcgagacca agaaggccta cgaacaggcc aacgacctgc ttggcgatat      240
cgtcaaggtc acccccacct ccaaggttng tcngtgacct tgcccagttc atggtgtcaa      300
caaagctgtc cccgaagacg tcaaggcttc gcgcttccga gctcgacttt cccgaagtca      360
gtgctcgagt tcttcgangg gctgatgggc aaccccttacg gcggcttncc cgagcctntt      420
ccgacaaacg cccttcgtgg acgacggaag ctcgacaaag cgccctggcc tctacctcga      480
acctgtcgac tttgtcaagg ncaagccgtg aaatgggcaa gaagtttggc gcgcccgtna      540
ccgagtgcga cattgcctcg tacgtcatgt accccaaggc ttttgaggac tacaaagaaa      600
gatcacccga caagttttgg cgaacttgtc ggtcctgccg acaaggtctt ccttgcttga      660
cccgagattg gtgaggagtt aacgtncaag ntcgaaaaag ggaaaggtcc ttattttgaa      720
cttcttnntt tttggtnctt tgaacgaagc anaccggtnt ncgggaggnt tttttcaaan      780
gaaccgggna ggtccgcaag gtaaccgtct tcnaaaanaa agntgccg                   828


<210> 7422
<211> 637
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 7422
gcgctgtgtc ttctccatct tcttcgtctt cttcctgtcg ttcgttcctc tgatagtgca       60
ggagttgact gagcgtggta tctggagggc cctgagtcgt ttcctgaagc agttcctctc      120
gctttcaccg ttctttgaaa tcttcgtctg tcagatttac gcgaactctg tacagcagaa      180
catttcgttt ggcggtgcca gatatatcgg aacaggtcgt ggttttgcca ccgctcgcat      240
tccctttggc gtcttgtatt cccgattcgc cgccccgtca atctatttcg gcgctcggtt      300
gttgatgatg cttctgtttg cgaccgtcac cgcctggcag cccgcgctcg tctacttctg      360
gatcaccctg ctcggattga caatctcgcc cttcctgtac aacccgcatc aattcgcatg      420
gtccgacttc ttcattgact acgtgacta cctccgttgg ctgtcgcgtg gtaactctcg      480
ctcgcacgct tcttcgtgga tcgcgttttg ccgactgncc cctatncgag tcactggtta      540
caagcgcaag aacctgggcg atgcctcggc caactgtcgg gcgatgtccc aaacaagcca      600
ttaaccaaca tttnttcacg gaatttcacc cgttctg                              637


<210> 7423
<211> 633
<212> DNA
<213> Tricoderma reesei
```

<400> 7423

```
catctggtac accggcaaac ccgtctacga gtttggcacg tggtctcttc tacaccacct      60
tcaaggagac tctcgccagc caccccaaga gcctcaagtt caacacctca tcgatcctct     120
ctgctcctca ccccggatac acttacagcg agcagattcc cgtcttcacc ttcgaggcca     180
acatcaagaa ctcgggcaag acggagtccc catatacggc catgctgttt gttcgcacaa     240
gcaacgctgg cccaaccccg tacccgaaca aagtggctcg gtcggattcg accgacttgc     300
cgacatcaag cctggtcact cttccaaagc tcaacatgcc catccctgtc aagtgctctc     360
gcccgtgttg attctcacgg aaaccggatt gtataccccg gcaaggatga gctagccttg     420
aacaccgacc gaagtctgtg aaagcttgag tttgaattgg tgggagaaga agtaacgatt     480
gagaactggc cgttggagga gcaacagatc aaggatgcta cacctgacgc ataagggttt     540
taatgatgtt gttatgacaa accggtagag gagttaatga tggaatagga agaggccata     600
gttttctgtt tgcaaaccat ttttgccatt gcg                                  633
```

<210> 7424
<211> 1110
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1110)
<223> n = A,T,C or G

<400> 7424

```
gagagccgca tcaaggaggt catcaagaag cactccgagt tcatcagcta ccccatctac      60
ctccacgtca agaaggaggt cgagaaggag gttcccgatg aggaggctgc tgaggaggag     120
aagcccgccg aggagggcga ggacaagaag cccaaggtcg aggaggtcga cgacgacgag     180
gaggacaagg agaagaagaa gaagaccaag aaggtcaagg agaccaccat ncgaggagga     240
ggagctcaac aagcagaagc ccatctggac tcgcaacccc caggacatca cccaggagga     300
gtacgccgcc ttctacaagt ccctgtccaa cgactgggag gaccacctgg gtgtcaagca     360
cttctccgtc gagggtcagc tcgagttccg cgccatcctc ttcgtcccca agcgtgctcc     420
ctttgacctg gttcgagacc aagaagacca agaacaacat caagctctac gttccgccgc     480
gtcttcatca ccgacgacgc cacccgacct catccccgag tggctcagct tcgtcaaggg     540
tgttgtcgac tcttgaggat ctgcccctca accttgtctc gtgagactct tcaacagaac     600
aagatcatga aggtcatcaa gaagaacatt gtcaagaagt ccctggagct ctttcaggag     660
attgccgagg acaaggganc agttcgacaag ttctacagcg ncttnttcaa gacattaagc     720
tcggtattca cgaagacttc canaaccgcg ccacccttgg ccaaagcttc tgcgcttnaa     780
ctcgaccaag tntggcgatg agatgacctn ttntgaccga ttacgtactt cgcatgcccg     840
agcacccaga aagaacattt actacatcac tggcgaagtc ccttaaaggc ccgtccagaa     900
gtcttccctt cctggacgct tttcaaggcc aaggggcttt cganggtcct tctttnctcc     960
gtcgaccccc attggacgag tacccccatt ggacccagct tcaaagggag tttncgaggg    1020
acaaagaaag gctgggttcg acattcaacc aaagggactt tcgaagcctt ctgagggaag    1080
aacccgaagg gangganaaa agaaaagggc                                     1110
```

<210> 7425
<211> 735
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 7425

```
ggggcccgac caagtttttcc tacctgacgt caagcaaccc ctccagcgtc aatggatggt      60
cgtcaccaca gcctctcttc tccggcagta tctcaggctc cagccgctg gatcagacgg     120
tcattggcga cagcacgaac atgtatctgt cttcgcgggg ggacgacggg aaaatctaca     180
gggcgagcat gcctatcggt aacttccccg gaagcttcgg ttcgacgtca acggtggtcc     240
tgagcgatga aaggaacaat ctgtttgagg cagttcaggt ctataccgtc tcagggcaga     300
```

- 2640 -

```
agcaatatct catgattgtc gaggcaatag gcgcaaatgg ccggtatttc cggtccttca      360
caagcgacaa acctcggcgg cacatggact ccgcaagcca ccagcgaaag tcagcccgtt      420
tgccggtaag gcaaacaagt ggcgctcctg dacaaacgac atcagtcatg gtgatctaat      480
tcgtagcaac cctgatcaga caatgactat cgaccttgc aatctgcagt tcttgtccaa       540
ggggaaaagc gacaaactnt ggcggngact accggctntt gcctatcgac cagggctggt      600
actttcaacg ctgancgtcc gcaaatttca tagaaaatgc gccacaacaa agacgttata      660
tgtgccgagt ctataaatcg aaggacgtac aagantttgg tggcaaaccg ggaataatac      720
caagcatgta tggga                                                        735
```

```
<400> 7426
nttagccgca ttcggccgag gaacaaaagt caactcaatc gtaacctatc caaataaaag       60
ccaaatacca cactctcctg cccatcatga gccctcccgc cgccgtctcg ccccccccagc     120
gaaccgctga actcgtcacc ccgtccaaga tggccgttgc ccagccgcag cagcacctcg      180
aggcccaggc caagtccgtc tcggacatgt tcggccagtg ggactcgttc accttctcgc      240
ccatccgcga gtcccaggtg tcgcgcgcca tgacccgccg ctacttcgag gacctcgacc      300
gctacgccga gtccgacatt gtcatcatcg gcgccggctc ctgcggcctc agcaccgcct      360
acgtcctcgg cacccagcgc ccggacctca agattgccat catcgaggcc tccgtctccc      420
ccggcggcgg tgcctggctg ggcggccagc tcttctccgc atggtcatgc gcaagcctgc      480
cgatgccttc tccgcgagat tggcgtcccg tacgaggacg agggcaacta cgtcgtcgtc      540
aagcacgccg cctcttcacc tncaccatca tggccaaggt gctgcagcta cccaacgtca      600
agctcttcaa cgccacctgc gtcgaagacc tcatcacccg cccctctgcc gagggcgtgc      660
gcatcgccgg tgtcgtcacc aactggaccc tcgtctccat gcaccacgac gaccaagtcc      720
tgcatggacc ccaacaccat caacgcgccc cttgtcatct caccaccggc acgacggccc      780
atgggtgcct tttgggtcaa agcgccttgt aagatgggnc cgatcnanaa gcttggcggc      840
attgcccggc ctcgacatga acagggctga ggatgccatt gtcaaaaaca cccgtgaggg      900
tgttccggcc tgattgtcgg angaatggac ttgtctgaga ttgacggacc cacccgcatg      960
ggtctacttt ggngcatggc ct                                               982
```

```
<400> 7427
cgctggtgct cgtcgcaatt catctctttg cctggaaatg attggcaatc tgctggggct       60
ttcatatccg atggcagtgc agccgccctg tctcaagtca cgaacccgga tgggtcaaca      120
acgaatctga ttttgacgt gcacaaatac ttggacttca dacaactccg ggtactcacg       180
ccgaatgtac tacaaaataa cattgacggg cgccttttct cccgctttgc cacttggctc      240
cgacagaaca atcgccaggc tatcctgaca gaaaccggtg ggggcaacgt tcagtcctgc      300
atacaagaca tgtgccagca aatccaatat ctcaaccaga actcagatgt ctatcttggc      360
tatgttggtt ggggtgccgg atcatttgat agcacgtat gtcctgacgg aaacaccgac      420
tggcagtggt aactcatgga cggacacatc cttggtcagc tcgtgtctcg caaagaaagt      480
agcactctga gctgaatgca gaaagcctcg caacggtttg tatctcgcta tcaaacatag      540
tagctactct atgaggctgc tgttctcatt tcagctttat atag                        584
```

<220>
<221> misc_feature
<222> (1)...(846)
<223> n = A,T,C or G

<400> 7428
cgtcactttc cagcagccca acgtcgagct tggtagttac tctggcaacg agctcaacga   60
tgattactgc acagctgagg aggcagaatt cggcggatcc tctttctcag acaagggcgg   120
cctgactcag ttcaagaagg ctacctctgg cggcatggtt ctggtcatga gtctgtggga   180
tgattactac gccaacatgc tgtggctgga ctccacctac ccgacaaacg agacctcctc   240
cacacccggt gccgtgcgcg gaagctgctc caccagctcc ggtgtccctg ctcaggtcga   300
atctcagtct cccaacgcca aggtcacctt ctccaacatc aagttcggac ccattggcag   360
caccggcaac cctagcggcg gcaaccctcc cggcggaaac ccgcctggca ccaccaccac   420
ccgccgccag ccactaccac tggaagctct cccggaccta cccagtctca ctacggccag   480
tgcggcggta ttggctacag cggccccacg gtctgcgcca gcggcacaac ttgccaggtc   540
ctgaaccctt actactctca gtgcctgtaa agctccgtgg cgaaagcctg acgcaccggt   600
agattcttgg tgagcccgta tcatgacggc ggcgggagct acatggcccc gggtgattta   660
tttttttgga tctacttctg acccttttca aatatacggg caactcatct ttcactggag   720
atgcggnctg cttggtattg cgatgttgtc aagcttggca aattgnggct ttcgaaaaca   780
caaaacgatt ccttagtagc catgcatttt aagataaccg gaatagaaga aagaggaaat   840
ttaaaa   846

<210> 7429
<211> 1152
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1152)
<223> n = A,T,C or G

<400> 7429
acgtcgacgc cggtggatac accatgccgc tcatcgcaga gacgctccaa aaggccaaca   60
gcttccgcca gcagtttggc atcgagcaga acaagacgtg gaacgacatg gcgtccaacg   120
tcctggttct tcgcgagaac ggggtgacgc tcgagttcac ggccatgaac ggaaccgcag   180
tggtcaagca ggccgatgtg attatgctca cctacccct gagttacggc accaactaca   240
gtgcgcaaga tgctctcaac gacctcgact actatgccaa caagcaatcg cccgacggac   300
cggccatgac atatgccttt cttctccatc gtcggccaac gaaatctctc ccttcgggct   360
gctcggccta cacgtacgcg caaaacgcct tcaaagccct acgtccgcgc ccccttctac   420
cagatattcc gaacagctca atcgacgatg ccagcgtcaa cnggcggcac gcaaccttgg   480
cctaccggt tcctaaccgg ccaccgggcg gcgcccacca aggtcgtcct cttttgggct   540
acctcggcct ccggctggtg ccagacgacg tcatccacat cgagcccaac ctgcccctc   600
agatcccgta tctgagatac aggacgtttt actggcgcgg ctggcccatc tcggcctggt   660
ccaactacac gcacacgacc cttagccgcg ccgccggcgt tgctgcgctc gaggggcgg   720
accaagcggt ttgctcgcaa gcccatccca tccacgccgg ccccgaacag gacccaacaa   780
gcgtaccggc tgcccgtcaa gggctccgtc gtgatcccca acaaagcaga tcggctctaa   840
cagacatacg ccggcaacct ggtgcagtgc cacgccggca gctttccaac gactacgtgc   900
cgggccaagt tncccattgg ccgncgtcga tggcgccacg ntaccaagt gggnaagccc   960
gcttccgccg acaaggtaag ttcattcacc gggntaattg gaaaaggagg acgtgggatt   1020
ttgggntcg ggcttcattt caatgggcca ggccccttcc gtnaacgcca acgtattttc   1080
acaacaaggc cttggggatc ttgcacgggg ttggcttcgg gcaaaacaca aattcaagtc   1140
aaaaccggaa ct   1152

<210> 7430
<211> 565
<212> DNA
<213> Tricoderma reesei

<220>

<400> 7430
cctgctcacc gaggcccca tcaacccaa gtccaaccgt gagaagatga cccagatcgt   60
cttcgagaca ttcaacgctc ccgccttcta tgtctccatc caggccgttc tgtccctgta   120
cgcttccggt cgtaccaccg gtatcgtgct cgactccggt gacggtgtca cccacgttgt   180
ccccatctac gagggtttcg ctcttcctca cgccattgct cgtgttgaca tggctggtcg   240
tgatcttacc gactacctga tgaagatcct ggctgagccg tggttacacc ttctccacca   300
ccgccgagcg agaaatcgtc cgtgacatca aggagaagct ctgctacgtc gcctcgactt   360
cgagcaggag atccagaccg ncgccagagc tccagcttgg agaagtccta cgagcttccc   420
gacggccagg tcataccatt ggcaacgagc gattccgtgc tcctgangct ctcttncagc   480
cttctgtctg ggtcttgaga gcggtggtat cacgtcacca ctttcaactc atcatgaagt   540
gcgacgtcga cgttcgaaan gacct   565

<210> 7431
<211> 814
<212> DNA
<213> Tricoderma reesei

<220>

<400> 7431
cgtccagtgc ctcagcggca gccctgccaa cctccaggtc taccaggcca tcatgcctcc   60
ccacggccgt ctcatgggcc ttgacctccc ccacggtggc cacttgagcc acggttacca   120
gactccccag cgaaagatct ctgctgtctc tacctacttc gagaccatgc cctaccgtgt   180
caacctggag accggcatca tcgactatga ccagctccag cagaacgccc tcctgtaccg   240
cccaaggtcc tcgtcgccgg tacttctgct tactgccgtc tgattgatta cgagcgcatg   300
cgcaagatcg ccgactctgt tggcgcctac ctcgttgtcg atatggctca catctccggt   360
ctcatcgccg ccgaggccat ccccctcccc ttccagtggg ctgacattgc accaccacca   420
cccacaagtc tctccgtggc ctcgtggtgc catgatcttc ttccgcaagg gcgtncgctc   480
cgtcgaccct aagactggaa ggagacgctc tacgacctgg aggaccccat caacttcttc   540
gtcttccccg gcaccaggggc ggccccacaa ccacaccatn ccggtctggc tgtcgcctna   600
agcaggctca gacccccgag ttcaagggct acaggganaag gtcgttttca acgccaaaac   660
ctngagncaa gttaaggagc tcggcacaac ttgttgccac ggactgacag ccacatggtc   720
tggttgaact ttgtaagttn aacttcaccg gnggcccgtg ttganaccgt cttgacaana   780
caaaattggc tgnaaaaaga acgccattcc cgga   814

<210> 7432
<211> 709
<212> DNA
<213> Tricoderma reesei

<220>

<400> 7432
tcctcaagcc cggtatggtc gttacttcg ctccctccaa cgtcaccact gaagtcaagt   60
cngtcgagat gcaccacgag cagctcgctg agggccagcc tggtgacaac gttggtttca   120
acgtgaagaa cgtttccgtc anggaaatcc gccgtggcaa cgttgccggt gactccaaga   180
acgacccccc catgggcgcc cgcttctttc accgccagg tcatcgtcat gaaccacccc   240
ggccaggtcg gtgccggcta cgcccccgtc ctcgactgcc acactgccca cattgcctgc   300
aagtttcgcc gagctcctag agaagaatcg accgccgtac cggtaaggct accgagtctg   360
cccccaagtt catcaagtct ggtgactccg catcgtcaag atgatcccct ccaagcccat   420

- 2643 -

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gtgcgttgag gctttcaccg actaccctcc cctgggtcgt ttcgccgtcc gtgacatgcg      480
ccagaccgtc gctgtcggtg tcatcaaggg ccgtcgagaa agtcctctgc cgccgncggc      540
aaggtcacca aagtccgntg ccaaaggccg gcaagaaata aagcgatccc atcatcaaca      600
cctgatgttc tggggtncct cgtgagggtt ctcaggtggg caccaccatg cgctcacttn      660
tacgacgaaa cgatcaatgg tgctatgcat gaacactcga ctattaatt               709


<210> 7433
<211> 686
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 7433
atgagatcaa gctgatttcg ggcagctccc acccggagct cagtgctctg gtcgctaatc       60
gactcggcat taacattgcc aacacgatga gcctcaacta ctccaaccag gaaaccagtg      120
tttccattgg cgagtcggtc cgggacgaag acgtcttcat cctccagtcg acggctccgg      180
gagacgtcaa cgacggcctc atggagctgc tcatcatgat ccacgcctgc cgaactgcct      240
cggccaggcg catcacggcc gtcatcccca actaccctta tgcgcgtcag acaagaagg      300
acaagtcccg cgcgcccatc agcgctaggt tgattgccaa catgctgcag gtctccggct      360
gcaaccatgt cataactatg gacctgcatg cctcccagat ccagggcttc tttaacgttc      420
ccgtagataa cttgtacgcc gaaccgtccg tctccggtgg atcaagcgag aacctagacg      480
ttgagaactg cgtcattgta tccccggacg cgggcggtgc caagcgtgcc accttgcttg      540
ccgatcgctn aacacccgga tttgctctga ttcacaagga gcgtccccga ccaacgtcgt      600
gggccgatgg ttcttgtcgg tgatgtccgg acaaggnggc tttcttgngg atgacattgg      660
gggaacctgc ggaactttgg gcaagg                                          686


<210> 7434
<211> 885
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(885)
<223> n = A,T,C or G

<400> 7434
ctcgattacc cttacgttcc gaaatacctg agacgtctct gtcccccttg ttcaagatgc       60
tgtcacgaag ctctcttagg accgctcagg tcctccgtgc tgctgcccag ccgcagcagc      120
tgacccgatc gttcgccacc gtccagtccg acatcttcaa gccggccaag ttcggcggca      180
agtacaccgt cacgctgatc cccggagacg gcatcggagg cgaggtggcc gagtcggtca      240
agaccatctt caaggccgac aacgtgcccg tcgagtggga gcagattgag gtgtcgggcg      300
tggaggagag cgcgctgcgc accgaggagg ccttccgcga gagcgtcgcc tcgctcaagc      360
gcaacaagct gggcctcaag ggcatcctgc acacgcccgt caagccggtc cggccaccag      420
agcttcaacg tggccatgcg ccaggagctc gacatctacg ccagcatctc gctcatcaag      480
aacatcccg gctacgagac gcgccacaag gacgtcgacc tgtgcatcat ccgcgagaac      540
accgagggcg agtactgggg cctcgagcac cagagcgtgc ccggcgtcgt cgagtcgctt      600
caagatcatc acccgcgccc aagtcggagc gcatcgnaaa gttcgccttc gcctttggcc      660
tcgccaacgg gcggaaagaa ggtaacttgc attcacaang gcaacattat gaagtcgccg      720
acgncttttt cgagcaactt tcaaccagaa ccggcaagga gtaccnganc cttgaggtca      780
acgacatgat tgtcgacaac gccttcattg caggccggtt tccgcccag cagtttgang      840
tntggtatg cccaacctgn cggggatcn tgtccacatt gggcc                      885


<210> 7435
<211> 697
<212> DNA
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<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(697)
<223> n = A,T,C or G

<400> 7435
ctcccgtcaa gtggaacctg cccaagctct ggggtatgtc cgtcctcctc ggcactgtcc   60
tcgccattgg tacctggatt gccctcacca ccatgtacgc tggtggccag aacggcggta   120
tcgtccagaa cttcggtaac attgatgagg tcgtcttcct tgagatctcc ctcactgaga   180
actggctcat cttcatcacc cgtgccaacg gcccttctg tcttccatc ccctcttggc   240
agctcagcgg tgccatcctg gtcgtcgaca tcattgctac cctgttctgt gtcttcggtt   300
ggttcattgg cgaggacacc agcatcgtcg ctgttgtccg tatctggatc ttctccttcg   360
gtatcttcgc catcatgggt ggtctctact acttcctcca gggaagcact ggcttcgaca   420
acctcatgca cggcaagtcc cccaagcaga accagaagca gcgttcattg gaagactttg   480
tcgtttctct gcagcgtgtt tccaccagc acgaaaagtc tcagtaaata cgtctatta   540
cataccgcc gatcggttgg tcngcatgtt tccgttttca tgttnaattt tatgtatgag   600
tcgtatctga agatggactc gtctgcacgg atgaaaagca acttttcata ccctatgat   660
ggctgataga cagctaatga anacaagtna aatgtcc   697

<210> 7436
<211> 570
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G

<400> 7436
ngtacnatga ctttaagnnc cttcctattg tcctgctggc tccagtggtt cacgtcacct   60
tgaantcgtg tctggacctg ggcattacgt tctacatgac gatgccctgc aagctcatcg   120
acttgagcaa cggcatgatc cccgntctcg agaacagggc cacgccgtnt ctcgcagacg   180
ttaccaagtc gtttgagatt ctccttgcgg aagacaacac tgtcaaccag aaactggctg   240
tgaagattct cgaaaagtac caccatgttg tcaccgttgt cggcaatggc tgggaggctg   300
tcgaggctgt gaagcagaan aagtttgatg tgatcctcat ggacgtgcag atgcccatca   360
tggggaggat tcgaggccac tggcaagatc cgcagtacga acgtggnatg ggaacacaca   420
ggaccccccca ttatcgccct cacggnacac gccatgatgg gngatcgnca aaagtgcatt   480
caagcccaga tggacanttt ctgtcccagc cgctggaagc aaacccagc ttattccagn   540
accattttc aagtngtgcc acncttggga   570

<210> 7437
<211> 707
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 7437
gcctcccaag aaggcggttg tcgaggagaa gatccctctg ggacgacctg gcaacaactt   60
gaagagcggc attgtgggc tggcaagt cggcaaatcc accctcttcc aggccatcac   120
aaagtgcaat cttggcaacc cagctaactt cccctatgcc accatcgagc ccgaggaagc   180
tcgcgtcatt gtccccgatg agcgattcga ctggctcgtt gagaaataca agcccaagtc   240
acaagtcccc gccaacttga ccgtctacga tattgctggt cttacccgcg gatcttcaca   300
ggagctggtc tcggaaactc tttcctgtcc cacatccgag ccgtcgacgc catcttccag   360

```
gttgtccgat gcttcgacga tgccgagatt attcacgtcg agggcgatgt caaccccacc      420
cgtgatctgg acatcatcag cgangagctg cgactcaagg atattgagtt tgtggagaan      480
gctctggang ctcaaaagaa gaagacccgc atgggtggcc agagtctgga gctgaagaag      540
ggcaagatcg agcaggagat tatcgagaag atccttggnc ttggcttcan gacggnaagg      600
aaattcgcaa gggcnactgg accccaagg agatcgangg cattaacctt ttgttcttct       660
gacgggcaag ccgggtgnct acctngtnaa ctgnctgana aggacta                    707
```

<210> 7438
<211> 880
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(880)
<223> n = A,T,C or G

<400> 7438
```
gytgctgacc ttttgcagaa gagaagtggt cttcacagct aaatttctct ttcctcaccc       60
atctcgaaac tctttgcgca gaggcgaggc tgtaccaat  ggctgaacaa ctgatcctca      120
aaggtaccct cgagggccac aatgngctgg gtcaccagct tggccacctc catggagaac      180
cccaacatgc tcctgtctgg tagccgagac aagaccctga tcatctggaa cctcacccgc      240
gacgagactc agtacggcta ccccaagcga tcgctcaagg gccactccca cattgtgtcc      300
gactgcgtga tctcctccga cggcgcctac gctctgtctg cctcctggga caagaccctc      360
cgcctgtggg agctcgccac tggcaccacc acccgaagat tcgtcggcca caccaacgac      420
gttctctccg tctccttctc cgccgacaac cgacagatcg tctccggctc tcgtgaccga      480
accatcaagc tgtgggaaca ccctcggtga ctgcaagtac accatcaccg acaagggcca      540
cactgagtgg gtttcctgcg ttccgattca agccccaacc cccagaaccc cgtcattgtc      600
ttcagcggtt gggacaagct ggtcaagggg ttggggaagc tcttcacctg caagctgcag      650
accgaccaca ttcggccaca cccggctaca tcaacaaccg gcaaccatct tcccccgatg      720
gnttnttttt gcgccctncg gngggaangg accgggacca cccattgctt ntgggganctg     780
gaacgaattn caagccacct gggacttttt ttcaaggncc ancgaacgna aaatcnaccc      840
cctcgttttt ttttcaaacc gaanttggtt ttggctgctc                           880
```

<210> 7439
<211> 749
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 7439
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tgacgtactc gagaccttgg ccagccgacg ctcctttgac ctcgaccaac catccgcctc       60
gatcgccact cgaccatctt gcatctctcc agagcctcag agcctgcttt cgtctcctgt      120
cccaacagca aacgcaacac caaccgccca tcatgaaccc tgaatacgac tacctcttca      180
agctcctcct catcggtgac tccggtgttg gaaagtcttg tctgctgctg cgattcgccg      240
atgacacota caccgagtcc tacatctcca ccatcggtgt tgactttaaa attcgaacga      300
tagagctcga cggcaagact gtgaagctgc agatttggga caccgcggc caggagcgtt       360
tccgaaccat cacctcttnc tactaccgcg ggcgcacggn atctgcgtcg tctacgacgt      420
cactgatatg gactccttca acaacgtcaa agcaagtggc tttaggagat cgaccggtat      480
gccaccgagg gcgtcaacaa agttgctcgt aggcacaaga gcgatatgtn cgacaaagaa      540
ggnggttgag tacaccggtg gcaaagaatt cgctgacagg cctgggcatt cccttcttga      600
gaccttcggc aagaacgcag caagtcgaa  gcagggtttt ttgaccatgg ntcgncagat      660
aaggagcgca ttgggcacca cgacggcaac aacacgaaac ccagcctgga cgtcggncaa      720
gggccagggc gttggnaact ttttcaaga                                        749
```

<210> 7440
```

<211> 754
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(754)
<223> n = A,T,C or G

<400> 7440
ggcctcggcg gtcagcaaga tgacgggcat caccttcaag acggcgccca acaagttcga      60
ggcgctggcc gcccacgacg ccatcgtcca ggcccacggc agcctcaaca ccctggccgg     120
ctccctcacc aagattgcgc aggacatccg atacctgggc agcggtcccc ggtgcggcct     180
cggcgagctg attctgcccg agaacgagcc cggcagcagc atcatgcccg gcaaggtcaa     240
ccccacgcag tgcgaggccc tgaccatggt ctgcgcccag gtcatgggca acaacgtcgc     300
cacgaccatt ggcggcatga acggccagtt tgagctcaac gtgtacaagc ctctgatgat     360
tgcaacctg ctgcacagct cgcgcattct ggccgacggc atgcgctcgt ttgaggagca     420
cctggtcaag ggcctgcagg ccaacgagga gaagattgcc agcatcatga aggagtcgct     480
catgctggtg acgtgcctca accccaagat tggctacgac atggccagca aggttgccaa     540
gaacgcgcac aagaagggcc tgacgctcaa cagagtgcca tggagcttca agcgcttacg     600
gagcangagt ttgatgaact cgttaagccc gactcatggt caagcccaag ancgtgtnaa     660
nggaagcaaa aaaaagggg cgtgtgtaca agtacaacaa cctaaataat accatgggac     720
ggggttnttg aggaagcttc tttganaaaa aaaa                                 754

<210> 7441
<211> 874
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(874)
<223> n = A,T,C or G

<400> 7441
ccctctctgt ccatcaaccg tgacacccct gcctggaaca ccgagctgtt cgaccgctac      60
aaggccgtcg tcgacgagat gtcccagtac cccaacgtca tcggctactt cgccggtaac     120
gaggtgagca acgccaagaa caacactggc gcctccgcct acgtcaaggc cgctgtccgc     180
gacaccaagg cctacatcaa gtccaagaag taccgctggc agggtgtcgg ctacgccgcc     240
aacgacgatg tcgacattcg tgccgagatt gccgactact tcaactgcgg tgaccaggat     300
gaggctatcg acttctgggg ctacaacatc tactcgtggt gtggcagagc tccatgcaaa     360
agtccggcta cgacgagcag accaccttct tctccaacta ctctgtcccc gtcttcttcg     420
ccgagtacgg ctgcaacctg cccagcggcg ccgctgcccg tatcttccag gagactgctg     480
ctctgtactc tgacgagatg accaaggtct ttagcggtgg tattgtctac atgtactttg     540
aggaggacaa cgactatggt ctcgtcaagg tcaacaacgg cgccgtctcc aagctcaagg     600
acttcagcgc tctccagaac caggttacca aggccgaccc caagggtgtt gacgccgatg     650
actacaagcc caccaacaag cccgccagct ggcctggcct tgaccgacna ctgggaaggc     720
catcaacaag ccttccccca ccctgatgc cagcctttgc acttgcattg cagagctctc     780
tgtgctgcgt ttacgcccga cgaccttgac accaaggact ttggcgacat cttcggcttt     840
arctgcggca agtccccgag gtctgcgctg gcat                                 874

<210> 7442
<211> 718
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G

<400> 7442
ctctggtgac aaggtcctgg tcgccgccta ctcccacgag ctgagggcct acggcatcaa       60
ccacggcctg accaactggt ccgccgccta cgccaccggt ctcctgatcg cccgccgtgt      120
cctcagcaag ctcggcctcg acaaggactt tgtcggtgtc gaggaggccg acggtgagtt      180
caccctcacc gaggccgccg agaccgagaa cggcgagcgc cgccccttca aggccttcct      240
tgacgtcggt cttgcccgca cctccaccgg tgcccgtgtc tttggtgccc tcaagggcgc      300
ctccgacggc ggcatcctcg tcccccactc cgagaagcga ttccccggct acgacattga      360
gagcaaggag ctggacgccg agaccctccg caagtacatc tacggcggca cgtcgccgag      420
tacatggaga ctctggccga cgacgatgag gagcgctaca ccagccagtt cgccaagtac      480
atcgaggacg atgttgaggc cgacggcctc gaggacctct acaccgaggc ccacaaggcc      540
atccgcgagg accccttcaa gaaggttgag ggtgaagggc gaaaaaaaaa acaaggagga      600
attggaangg catctncaag aagtacaaga nttgcagact ttncaaggcc gagaaagntt      660
gccaacgtnc aggccaaaga tccanaagat cctggttgat gaataaaaaa aaaaaatt       718


<210> 7443
<211> 517
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G


<400> 7443
acacngtntg caaggttgac ccccatgaac antctggagc accnagtcta catcnagaan       60
gatggcgtgc ccatatcccc cttccacgac atcccgctct ttgccaacca ggagcagacc      120
atcctgaaca tggtcgtcga gatccctcgc tggaccaatg ctaagcttga gatctccaag      180
gaggagcttc tcaaccccat caagcaggac gtcaagaang caagcttcg ctatgtccgc       240
aactgcttcc cccacaaggg ctacctctgg aactacggtg ccttccctca gacctgggaa      300
gaccccaaca ctgtccaccc cgagaccaan gccaagggtg acaacgaccc tntcgacgtc      360
tgcgagatcc ggcgagctng ttggctaccc ccggcaggtc aagcacgtca aggtnctcgg      420
tgtcatggnc ttctngacca ngaggagact gactggaacg tnattgtatt gacgtcaacg      480
acccctggc ccccaagctg aacgatgttg acgacgt                               517


<210> 7444
<211> 821
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(821)
<223> n = A,T,C or G


<400> 7444
nagaagaaga ccgtggaccc tttcacccga aaggactggt actntatcaa ggctcctaac       60
cccttcaaca tccgagatgt tggcaagacc ctggtgaacc ggacgaccgg tctcaagaac      120
gccaacgatg ctctcaaggg ccgcatcgtc gaggtctctc tcgccgacct ccagaaggac      130
gaggaccact cattccgcaa ggtccgcctc cgcatcgacg aggtccaggg caagaactgc      240
ctggaccaan ttccacggac ttgacttcac atccgacaag ctccgatccn tcgtcggcaa      300
gtggcagacg ctcattgagg ccaacatcac cggtcaagac caccgatgac taccttnatc      360
cgcttttcgc cattgcctta ccaagcgacg ccccaaccag atcaagaaga ccacctacgc      420
tggtttttttc ccagatccgc gccatccgac gcaagatgac cgactttatt caagcgcgag      480
gcttcaagnt gnaccttac ccaagtnggt ttccagtgg attccgaag ttttccggcc        540
gcgaaatcga aaagtccacc caggnattt acccccttca naacgttcac atccgcaagg      600
ttaactgntt gaaggntcca agttcgactg ggcgccctga nggttttcac ngggagtttg      660
ggaccgacna ccagggncaa aaggttganc cggaattnaa ngacctgttt tggataagnn      720
tgaaaaaanng gttatgtgta aaaaaataaa aggcccgggg aaccccttgca agtcattcgg      780


- 2648 -

cctannctttt tccagtantt ttaatggggt aacacccata g                          821

<210> 7445
<211> 663
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G

<400> 7445
gattgcttag gacggcaata gttttttattg tcgaggcaag atgcagattt tcgtcaagac          60
cctcacgggg aagacgatca cccttgaggt ggagtcttcc gacaccatcg acaacgtcaa         120
gtccaagatc caggacaagg agggcatccc cccggaccag cagcgcctga tctttgccgg         180
caagcagctc gaggatggcc gcaccctgag cgactacaac atccagaagg agagcaccct         240
ccacctggtc ctgcgcctgc gtggtggtgc caagaagagg aagaagaagg tctacaccac         300
ccccaagaag atcaagcaca agcgcaagaa gaccaagttg gctgtcctca agtactacaa         360
ggtcagcaac gatggtaaca tcgagcgcct tcgccgcgag tgcccctccg acacctgcgg         420
tgccggtgtc ttcatggctg ccatgcctga ccgtcagtac tgtggtcgct gccacctgac         480
ctacgtcttc gacaaagcag tagacgacaa ccaaactcaa aaaaacctnt tacaaaaaat         540
ggaaaaatga attttgtgga ttggacagct ggagccatgg gactgccata acatacaaag         600
ggcgttgatg tagcatanag agcacattcn gcggcttntg gtaatgaatg cttgatttga         660
gac                                                                      663

<210> 7446
<211> 640
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 7446
cagccctggt tttgttggtc tggccatgtc gtatgctctt cagattacga cttcccttaa          60
ctggatcgtc cgtcaaacgg tcgaggtcga gaccaacatt gtctctgtcg agcgagtgct         120
tgaatacgcg cgactgccca gcgaggcacc tgatatcatt cccagcaagc ggcctcctgt         180
caactggcct agcaagggcg aggtggactt taagaattac agcacgcgtt atcgtgaggg         240
cttggatttg gtgttgaaga atatcaacct cgatattaag tcacacgaga agattggcgt         300
cgtcggccga actggtgctg gcaagtcatc gctgacactg gctcttttcc gactgattga         360
gcccgtgacc ggccatatcg acattgatgg cctcaacacc ttcactattg gcttgcttga         420
tctccggcga cngcttgcca ttattccgca agacgcagct cttttcgagg gtctggtcga         480
gacaatctcg acccnggcca tgtacacgac gatagcgaac tctggagcgt actagacatg         540
ctcgttgaag gattacgtat tcagcttaga aggaggcctc gagccaagat ccacgaagga         600
ggctccacct tttacaaggg caacgccagc tngttttttt                              640

<210> 7447
<211> 874
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(874)
<223> n = A,T,C or G

<400> 7447

```
caaccaccaa acactctccc aaacaatctc cttcacacaa acacataaca aaataatacc        60
ccgtgatcga gaaatcaaca cccctctttt ccctttccta gcaaaagtca cagatttccg       120
ttgatacccg caaccatggc cgaaactttc gagttccagg ctgagatctc tcagcttctc       180
tccctcatca tcaacaccgt ctactccaac aaggaaatct tcctgcgaga acttgtctcc       240
aacgcctccg atgccttgga caagatccgc tacaaggcgc tgtccgaccc cagccagctc       300
gacactggca aggacctgcg catcgacatc atccccaaca aggaggccaa gaccctgacc       360
atccgggata ccggtattgg tatgaccaag gctgaccttg tcaacaacct gggtaccatt       420
gcccgctccg gaaccaagca gttcatggag ccctgactg ccggtgccga cgtgtccatg        480
attggtcagt ttggtgttgg tttctacttc tgcctacctg gtcgccgacc cgcgtcaagc       540
gtcatcttca agcacaacga tgacgaagca gtacatctgg gaatccagcg ccggtggcac       600
cttcaacatc accctcgaca ccgagggcga accgtcttcg gtcgtggtac ccgccatcgt       660
ccttccacct caaagggacg aagcaggccc gactacctga acganaagcc cgcatcaagg       720
gaggtnaatc naagaaagca cttcngagtt tattnagcnt accccaatct taccttccac       780
ggttnaaaga aaggaaggt cngaagaaaa ggaagggttt ncccgaatgg aaggaaaggc       840
ttggtttgaa gggaagggaa aaaagccccc gccc                                   874
```

```
<210> 7448
<211> 799
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(799)
<223> n = A,T,C or G

<400> 7448
ngtccatcgg cacgaggcgc gacaacatcc accatgctga cctttaggcg gctcttcacc        60
accgccatcg acctggtggt gggcctgctc ttcttcgtca agacggccga ggccgccaag       120
ggccccaaga tcacccacaa ggtcttcttc gacattgagc acggcgacga gaagctgggc       180
cgcatcgtcc tgggcctgta cggcaagacg gtccccgaga cggccgagaa cttccgggcc       240
ctggccaacc ggcgagaagg gcttcggctt acgaagggct tcgaccttcc accgcgtcat       300
caagcagtta atgattcagg gcggcgactt taccaagggc gatggcaccg gtggcaagtc       360
gatctacggc aacaagttca aggacgagaa cttcaagctg aagcacacca gaagggcct       420
gctgtccatg gccaacgcgg gacccgacac caacggctcc cagttcttca tcaccactgt       480
tgttacctca tggctcgacg gccgacacgt cgtcttcggc gaggttctcg agggctacga       540
cattgttgag aagattgaaa acgtccagac cggccccngg cgatcgncca gtgaagcccg       600
gtcaagattg ccaagagcgg cgagctggag ggtccccccg aaaggtattc acgtcgagct       660
ctaaactgtc tnactggctg cacacacgca ctttgtacaa cgcacacgca cacgcacaca       720
caaaacacgg ggttttcaac tntttccgtc cctgncactt ggtatgctga tgaatttggg       780
tttgaaattc agagcttct                                                    799
```

```
<210> 7449
<211> 340
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 7449
accaatggcg tcatcccgac tcgatntana agagtccaat gccccaaagt tgggaacgcc        60
tacatttggc ttcgaaatgg cggagggcct tactattttg ctctcacggc agtcaacacc       120
aacggacagg gctcagtcac caaaatcgag atcaagggcg cagacacga caactgggtt        180
gccttggtcc atgacccaaa ctatacgagt agccgcccac aagaacgcta tggcagttgg       240
gtaatcccac agggatcagg gcccttaact tgcctgtngg aattcgtctg actagcccaa       300
cggggaacag attgngaatg aacanncctt caagaacttt                             340
```

<210> 7450
<211> 697
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(697)
<223> n = A,T,C or G

<400> 7450
```
cgcctttttcc ttctccggca ctgagttggt cggcctcgcc gctgccgagt cagccaaccc      60
tacccgcaac atgcccggcg gccatcaagc aggtcttctg gcgtatcacc gtcttctaca     120
tcctcggcct cttcttcgtc ggactgttgg ttgacagcaa cgacccttcg ctgctctctt     180
cttctgccta ctcggactcc aaggcctccc cctttgtgct tgtcggcaag tacgctggtc     240
tcaagggctt cgaatcactt aatgnaacct cggcaattct cgtttccgtc ctggtccaat     300
ggcgtctctg gtgtgtatgg gggatctcg aaccctgact gccttgctca acaaggctat     360
gctccaagct cttcaactac attgacaaag tccggccgtc ctctgccttc ggtcatggcc     420
tcatnctgtg cnggttcatc gcgtacgtna cttgagcgcc accggcctgg tgctttgact     480
ggctgntcgc atntttggct tgccggtctn ttnacttggg gcttcgtttg cctggccaaa     540
atccgaattc cgaatggctg gaaggatnac gggcacattt tnaagaaanc cccnttaagg     600
gcggcggggg ngntattggt tttatntttg gccttttcct ttgnggtggt ggccttattc     660
gccaagtttt ancctggcat naattggtgg ccccaat                             697
```

<210> 7451
<211> 658
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 7451
```
cgctgtcggc gccgcctacc ttgccaagca gaaggccatt gttcaaaagc tcactgccat      60
cgagtcgctt gctggtgtcg atatcctctg ctctgacaag accggtaccc tcactgccaa     120
caagctgtcc atccgcgacc ccttcgtctg cgagggccag gacgtcaact ggatgatggc     180
tgttgccgct cttgcctctt cccacaacct caagactctc gaccccatcg acaaggtcac     240
catcctgacc ctcaagcgct accccaaggc tcgtgagatc cttcagcagg gctgggtcac     300
cgagaagttc actcccttcg accctgtctc caagcgaatt accgctgagt gccgtctcgg     360
caaggacaag ttcatctgcg ccaagggtgc ccccaaggca tcctcaagct cgcaaccccc     420
ccgaggagct cgctccgtct accgcgagaa ggatcgtgag tttgcccgcc gcggtttcga     480
tctctgggtg tctgctataa gaagaacgat gaggagtggg ttctgctcgg tctctgtcca     540
tgtcgacccc ctcgtgagga taccgccaga ccatctngag gctgccactt ngtgtcccgt     600
caaaagntta cttggtgacg ccatcgcatc gcnaggaacg tgcaaatgct tgccttcg      658
```

<210> 7452
<211> 875
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(875)
<223> n = A,T,C or G

<400> 7452
```
gcnggtnctg ggtccggatt gttgcatant ctnctcttgn tctctctctc ttntcttctc      60
tgcaacgctt ataactcttt ttgcgcgggg catctgggaa aaccgtttct tcacacatct     120
```

```
cttcttccac aatggctcgt tcacggagct ccctggccct cgggctgggc ctgctctgct      180
ggatcacgct gctcttcgct cctctggcgt ttgtcggaaa ggccaatgcc gcgagcgacg      240
acgcggacaa ctacggcact gttatcggaa ttgatctcgg aactacctac agctgcgtcg      300
gtgtgatgca gaagggcaag gttgagattc tcgtcaacga ccagggtaac cgaatcactc      360
cctcctacgt ggcctttacc gacgaggagc gtctggttgg cnattccgcc aagaaccagg      420
ccgtcgcaac cccaccaaca ccgtctacga tgtcaagcga ttgattggcc gcaaattcga      480
cgagaangag atccaggncc gacatcaagc acttcccta caangtcatt gagaagaacn      540
gcaaagcccg tcgttcaagt tcaaggtnaa cggncanaaa aagcagttac ttccgangag      600
atttttgcat tgatttttgg cangatgaag ganggtgccg agttctncct tgggcaaaaa      660
aggtaccccac ccccgtcggn accgtccttg ctactttaac gncacccagg gaaggncaca     720
aaggacgccg gtccattggc cngnttgaac gttttccgaa tcgtnaccaa ccacccgttg      780
gccgtttttcn ctttggttng dacaagacca acgggaaccg ccaaaaattg gtttcaattc     840
gggggggggnc cttgangttt ttttctggca ttgaa                                875
```

<210> 7453
<211> 920
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(920)
<223> n = A,T,C or G

<400> 7453
```
catcgcgaga tacccgcccc aagcagacac aatgaccaag ccagagggac tccccgagat       60
gacgtaccgg aacctgggac gctcaggtct ccaggtctcg tccatctctc tgggcggatg      120
gctcacgtac ggtggccacg tcgaccgaga gggcacatat gcctgcatga aggccgccta      180
cgactgcggc gtcaacttct tcgactgcgc cgaggcctat gccgcgggcg aaagcgaaat      240
cgtcatgggc gaggccatca agaagtttgg ctggaagcgc aacgacttgg tcatctccac      300
caagatctac tggggccaaa acttcggcac caaccccgtc aacaacgtcg gcctgtctcg      360
aaagcacatt gtcgagggcg tcaatgcctc gctgaagcgt ctcgatctcg agtacgtcga      420
cctgatctac gcccaccgcc cgaccgcaag accccatgg aggagacggt ccgcgccttc       480
aatcacatca tcgacacccg gcaaggcctt ttactgggc acgtcagagt ggacggccgt       540
cgagatcgcc gaggcatggc gcgtggcaaa naaggctggg ccttatcggc ccctgatgg       600
agcaacccccg cgtaccacat gctcaaccgg caaaaggngg agggagaatt ncaacttttt     660
gtaccgcgag caccggctcg ggcttgacaa cctttttccc cttggttcaa ggcattctgt      720
cgggcaagta caaaaacggg attcccggac aattccgttt gcccggacag aggtcgcctt      780
ngttgccggt tattggaaaa cggaccggaa aaggaaggtt tgggangggc catttgnaaa      840
ggtcaacang ntggaacccca tttgncnaaa aactnggcgt taacaaancg ctttggncct     900
nggttggngc ttaaaaacct                                                  920
```

<210> 7454
<211> 676
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

<400> 7454
```
ttaccacccca acagaaccag agcctctgaa cccagatgcc ctttgcgcag ctagtactcg       50
gtagccccgg ctcgggcaag agtacctact gcgatggcat gcaccagttc atgggcgcca      120
tggggcgcgc gtgctccgtc gtgaacctcg atccogccaa cgaccacaca aactaccctt      180
gcgctctcga tatccgcgac ctggttaagc tggaggacgt tatgcgcgaa gaccgcttgg      240
ggccaaacgg cggtattcta tatgctctcg aagagctcga gaacaatttc gaatggctgg      300
aggaaggcct gaaagagctt ggggaagact acttcctgtt cgactgtccc ggccaggtcg      360
agctctacac gcatacaact cattacgaaa catcttttac aagctccaaa agactcttaa      420
```

- 2652 -

```
attcagattt gtctgcgtac atcttacgga tagctattgc cttacccagc catcctctat      480
gtatccaacg tcctcctctc ggttccgagc catgatccag atggacatgc cacacgtcaa      540
tgtgctcacc aagatcgaca aggnagcatc gacgacgagc tgcccttcac ttggagtact      600
acaccgacgt cgacgatctn catacctaac gccgtacttg gaggccgaat tccctgggat      660
gcccaacgag aaattc                                                      676


<210> 7455
<211> 869
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(869)
<223> n = A,T,C or G

<400> 7455
cgacctcnag cagttccgcg ccaacgagat tgaaaaggc cgcgtccagc agctgcagaa        60
gaagctcgac cagaagcgcg ccaccctcga ctggggcacc ccgctcgagc agctgcccgt       120
cgtcgactgg gacgactttg tcgccgactc caagaatggc aaggccctcg tcgccattgc       180
cggcgtcatc cacgacgtcg gcgacttcat ccgcgaccac cccggcggca aggccctcat       240
caactcggcc attggcaagg acgccacggc catcttcaac ggcggcgtct acaaccactc       300
caacgccgcc cacaacctgc tgtccacgat gcgcgtcggc gtcctgcgcg cggctgcga        360
ggtggagatt tggaagcgcg cccagttcga gaacaaggac gtcacgtaca ttaacgactc       420
tgccggccag cgcattgtgc gagccggatc ccaggtcacc aaggttgccc aacccgttgc       480
cagcgccgat gccgcttgaa gtggttgtgc atgagtgtgt agagagggaa aagcattgca       540
aagacgagac atgaagggtt ggggggtcca tatcaatcaa gacaaccgtt gccttttcgt       600
cttggttttg aatgcggaac aagacaagaa aaatcatgaa ttgggcgttt ttgaggggat       660
cattttgtt tttgtttttt caaaggggcc ttgttggatt ggagaggttg ggtcaaaaag       720
gggggttttc actttacttt tctttctttt tcaagccgta tggatgaaga agactagagc       780
atcattccgc actctttttt atatcaatca aagagagagc aacccactca atgcatatac       840
aactcatata tatatattac cattcaaac                                        869


<210> 7456
<211> 564
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 7456
ccnacatgnc catcatgctg cagtncgccc tgtcctccaa cgtcttcttg atcagccaga        60
tgctctactc tcgcttctcc gagaacctcc tggtccgtct tttcggtgtg tgggaggcca       120
aggacggcac ctctcagctc cacgcggtct ctggtctcgt ctactacatg tctcctcccc       180
tcaacttcaa ggatgctctg ctcgacccca tccacaccgc cgtctacatc atctacatgc       240
tcggtgcctg cgccctcttc tccaagacct ggattgaggt ctctggctcc agccctcgcg       300
angttaccaa gcagctcaag gaccagggac ttgtcatggc cggacaccgc gaccagagca       360
tgtacaagga gctcaagcgc atcatccca ctgccgctgc ctttggcggt gcctgcattg       420
gtgccctgtc cgttgcagcg acctgatggg cgctcttggc tccggtaccg gtacccttct       480
cgctgtcacc atcatctacn gctactttga aattgntggc aaggagggtg accttnttcg       540
gaatgaaggg catgattatg ggtt                                             564


<210> 7457
<211> 648
<212> DNA
<213> Tricoderma reesei
```

<220>
<221> misc_feature
<222> (1)...(648)
<223> n = A,T,C or G

<400> 7457
ccncgggggc aagctcaaga tgaccctggg tctccccgtc ggtgccgtca tgaactgcgc   60
cgacaactcg ggtgcccgca acctgtacat catctccgtc aagggtatcg gtgcccgcct   120
gaaccgcctg cccgccggcg gtgtcggcga catggtcatg gccaccgtca agaagggaaa   180
gcctgagctg cgaaagaagg tccaccctgc cgtcattgtc cgacagtcca gccctggaa   240
gcgattcgac ggtgttttcc tgtacttcga ggacaacgct ggtgttatcg tcaacccaa   300
gggtgagatg aagggctctg ccatcaccgg ccccgtcggc aaggaggctg ctgagctgtg   360
gccccgtatt gcagcaactc cggtgtcgtc atgtaaaggg tgttttttc aaacgaaagg   420
aggaagggag tttttttttt atatcaagag gaagaanaaa agaaacacaa tgacccaagt   480
tcctcgatgc gaacttatag aanccgtgga aagttctttt cttctcacc ttcccaccct   540
ccctttttct ccccaaaccc tggttttct attctaattt ctttggtcgt atgggananaa   600
actggctntt gaggggagaa aaagangaga aaaaaaaag ccgggaaa   648

<210> 7458
<211> 735
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 7458
cattccctc ggcggcaggc tggatcccgt caacgaggag ggaattgagt tttacagcaa   60
actgattgac gccctgttga ggcggggtat cacgccttgg gtgactttgt accactggga   120
tctgcctcag gcgcttcacg atcgctatgg aggctggctc aacgtggaag aggtccagct   180
ggactttgag cggtatgcga ggttgtgctt tgaacgtttt ggggaccgag tccagaactg   240
gatcaccatc aacgaaccct ggattcaggc catctatgga tatgccaccg gcagcaacgc   300
cccgggcagg agcagcatta acaagcactc caccgaggc aacactgcca ctgagccgtg   360
gctcgctgga aaggcccaga tcatgagcca tgcccgcgcc gtggccgtct acagcaggga   420
cttttcgcccc tcgcaaaagg gccagatcgg catctcgctc aacggcgact actatgagcc   480
ctgggacagc aatgagcctc gggacaagga ggctgctgag cgacggatgg aatttcacat   540
tggctggttt gccaatccca tcttcttgaa gaaggactat tcnagaaagc atgaagaagc   600
aacttggggc gagaggcttt caacccttac ttcccgcgga cttttgccat ccttnaatgc   660
cggagagaac cgactttcta ccgggcatgg aaattaccta ccccaatccc cagnttcgcc   720
gccgcccaan cttaa   735

<210> 7459
<211> 708
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 7459
caacctcctg ggcaagttcg agcttaccgg cattcctcct gccccccgcg gtgtcccccca   60
gattgaggtt tccttcgagt tggatgcaa cggtatcctc aaggtctccg ctcacgacaa   120
gggcaccggc aagcaggagt ccatcaccat caccaacgac aagggccgtc tcacccagga   180
ggagattgac cgcatggttg ccgaggccga gaagttcgcn cgaggaggac aaggctaccc   240
gtgagcgcat cgaggcccgt aacggtcttt gagaactacg ccttcagcct gaagaaccag   300
gtcaatgacg aagagggcct cgggcggcaa gganttgacga aggaggacaa ggagaactat   360

```
taagtttgaa gccagtcaag gcacttgcta ttccgagtgg ctcgaggaca acggcaccga    420
cgtaacactt tgaccaaagg actttgagga gcagaaggag aagctgtcca acgtcgctac    480
cccatcacct tcaagatgta ccanggtgct ggtggcttcg angacgatgg cgactttcac    540
gacgaattgt aaaaaattaa aaaaanggaa attattgatg catagatact tattaganga    600
ccaaagaagt tnccaggtgg tatcgtccgg ttatgacccg gtgtgntttc agtcnttgta    660
aagttcgaat gcactttga tngtataaat cataaatgaa tcttgncc                 708


<210> 7460
<211> 674
<212> DNA
<213> Tricoderma reesei


<400> 7460
acggccggca gtggcgtcgt tatatacttc aggaaagaag gtcgcgctct tggagaggtg     60
accaagtacc tggtatacaa cgctcgcaag cgaggcgagg accgagcatc agactacttt    120
atgcgcaccg agaacattgc cggcgtcaag gacatgcgct tccaggctct aatgccagac    180
attctccact ggctgggcat caagaagatt gatcggatgc tgagcatgag caacatgaaa    240
cacgatgcca ttgttggcca gggaattccc atccatgaga gagtggaact cccggaggag    300
ctcatccccg ccgattcgag agttgagatt gacgccaaga tcactgctgg ctacttcacc    360
tctggcaaac gattgactgc tgaagagttg cagtcggtac agggcaggat gtgggaagat    420
attgaccact aaatcggact tgcccgagca agaagtcgtc atggggcaag agttggtttc    480
tttgcgtcat tgtgcggttg ttacctaggg cctgtgtctc gcttttgtcg ggagttcggt    540
tgtggaatgt acgcgtagtt ctttaaaccg agctgaatct gcagcccatg ctttcattca    600
gacccgtcca gatagactca ctagatcctt ctggtagaca ctaggtaaca actttgaaca    660
actgccccc ggaa                                                       674


<210> 7461
<211> 617
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G


<400> 7461
tcgccgttcg ccttccactc tcactctctg ccagcgacta tcttgctctg tccaagcatc     60
aactggcatc tctaggccaa ctacaaccgc acaatcagtc aagatgttta tggcaagatc    120
tgaatacgac cggggaatca acaccttctc ccccgagggt cgtctttttcc aggtggaata   180
ctcactcgag gctatcaagc tcgggtcgac cgccattgga attgccacat ccgagggcgt    240
catcctcggc gtcgagaagc gcgtcacatc ctccctcctc gaaacctctc cgtcgaaaag    300
attgtcgaaa tcgacccgcc acatcggctg cgccatgtcc ggcttaggcc gatgccaggt    360
ccatgatcga gcacgcccgt gtcgagtgcc agagccacgc cttcaactac aacgaagtcc    420
tnagcgtcga gagctgactc aggccatctg cgatctggcc tgcgcttcgg aaagggtgcc    480
gacngagagg agaccatcat gagcccggcc ttttggtgtc gcgctctcat cgncnggttc    540
gacgaaaacn ggccttnagt tgtttcacgc agagccaacn gggaccttnt atcgattcga    600
cgccaaggtt attggct                                                   617


<210> 7462
<211> 552
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G


<400> 7462
```

- 2655 -

```
aacagccagt cgtcaccatg gcccgaggaa tcaagaagca ccagaagcgc cttagcgccc      60
cctcccactg gctgttggac aagctgtccg gcctctacgc ccccaagcct tctcccggtc     120
ctcacaagct ccgcgactgc atgcccctga tcgtcttcat ccgaaaccgc ctcaagtatg     180
ctctcaacta ccgcgagacc aaggccatca tgatgcagcg cctggtcaag gtcgacgcca     240
aggtccgcac ccgacatcac ctaccccgcc ggcttcatgg acgtcatcac catcgagaag     300
actggcgaga acttccgctc atctacgaca ccaagggccg cttcaccgtc accgnatcca     360
ggccgaggag gccgagtaca agctgggcaa aggtcaagcg cgttcaagct cggccgtggt     420
ggaatcccat tcttggttac gcaccgatgc gagaaccatc ccgctccctg accccctgat     480
caaggtaacg acaccgttca agattgacct tgncacccgg aangatcacc cgacttnatt     540
caagtttcgg aa                                                         552
```

```
<210> 7463
<211> 1479
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1479)
<223> n = A,T,C or G
```

```
<400> 7463
gtcatctatc tctgttgtnt tggctcttct gggccatagn gctgcatggt catacgccac      60
caagtctcaa tacagggcta acatcaagat caatgcccgc cagacctatc agacgatgat     120
tggagggggt tgttcgggcg cctttggtat tgcttgtcag caattcgggt cttctggtct     180
gtcgcctgag aaccaacaga aggttaccca gattctcttc gatgagaaca ttggcggcct     240
gtctattgtt cggaatgata tcggctcctc gccaggaacc accattttgc caacctgtcc     300
cgcgacgccg caagacaagt tcgactatgt gtgggatggc aagtgacaac tgccagttta     360
acctcaccaa aacagctctc aaatacaatc cgaacctttc cgtttacgcg gatgcctggt     420
ccgtcccggc tgcatgaaga cggtcgggac tgagaacctc ggagggcaaa tctgcggtgt     480
gcgaggaacc gattgcaaac acgactggcg ccaagcatat gccgattatc tcgtacaata     540
tgtccgcttc tataaagaag aangcatcga tatctccttc taggcgcctg gaacgagcca     600
gacttcaacc cctttaccta cgagagcatg ctttccgacg gatatcaagc caaagaactt     660
tttggganggt ctntatccta cgctcaagaa gggtttccca aaagtagacg taactgntgc     720
gatgcaactg gngcccgcca agagagaaac attntttatg agctccagca ggcngggtgg     780
cgaagaagat actttgacat tgcgacatgg cacaactacc aaagcaaccc agagcgccca     840
ttcaacgccc ggtggaaagc caaacantac agactggagt gggcaaatgg cacgggtcca     900
tggaacagca cctgggatta tagcggccaa cttgctgagg gcctccaatg ggcattatat     960
atgcacaacg cgtttgtcaa cagcgacacc tcaggctaca cgcactggtg gtgtgcacag    1020
aacaccaacg gcgacaacgc cctcatccgc cttgatcgcg acagctacga ggtgtcggct    1080
cgcctttggg cttttgccca atacttccgc tttgccggc ccggatctgt ccgcattggt    1140
gcaacaagcg acgtcgagaa cgtctatgtg accgcatatg tcaacaagaa tggaaccgtt    1200
gctattcccg tcatcaacgc cgtcactttc cttacgacct tacaatcgat ctggagggta    1260
tcaagaagan gaagctgagc gaagtacttg acggacaata gccacaacgt cacctgtgaa    1320
agtcngtaca aaggtctctg gtagcaagtc ttgaaggtga ctggtgagcc caaaagcgat    1380
gaaaacttt ttggttggag taagaactcg tacgggacga tgggaagtgt cgtgaccgtg    1440
tatctttttt tacataggcc gaatcgacgt ttgccgtcn                          1479
```

```
<210> 7464
<211> 568
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G
```

```
<400> 7464
actacnatac cccgtcccga agcctngctc cccatctttc ctccctccgc tcgagacgaa      60
```

```
anccagcgca agagtcgctg cgccttcaac atgggcaaca ccaccagcac cgtgctggac      120
aacatcgtcc agggctccaa ctttgacaga gaagaggtcg accggttaag aaaacgattt      180
atgaagctcg acaaggataa ctctggcacg atcgagcgtg acgaattcct cagccttcct      240
cagatctcct ccaacccgtt gcacacgcat gattgccatt ttcgatgang acggcggcgg      300
cgacgtcnac ttcaagagtt cgttttcggg ccttgagcgc cttcagcaag caannggcaa      360
caaangagca gaagctgcag ttcnccttca angtgtccga cattgaccgc gaccggttca      420
ttnacaacgg ngagcttttc atcgtcctta agatgatggn gggcagcaac ctnaaggaca      480
ancagctgca ccagaatgtc gncaagacca ttatggaggc nggactttga caaggaccgn      540
aaaaattagc tttgnngagt taccaaga                                         568


<210> 7465
<211> 664
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G


<400> 7465
ccaagctcta aaccatggcc ggaacacaac attgtcgttt ttgggggcga tcactgcggc       60
ccggaggtgg ttgtttatgc gttcaatgtt tttaagacga tctgatcatc ttacccctaa      120
caagttcaat ctcaaggacc acctcctcgg cgggtgctcc atcgacaaga ccggctcccc      180
cctcacagac gaagctctcg ccgccgccaa gtccgccgac gccgtccttc tcggagccat      240
tggcggtccg gaatggggca ccggcgccgt tcgtccggag cagggtctgc tgaagctgcg      300
caaggagatg ggcacctacg gtaacctccg gccctgcttc ttcgcctccg atgccctcgt      360
cgaggcctct cccctcaagg cctccgtcgt ccgcggaaca gactttatca tcgtccgcga      420
gcttacgggt ggcatttact ttggcgaagc gcaaggaaga tgatggatcc ggcgaggcgt      480
gggatacgga gccgtactcc cgcccagaga tcgaancgtg ttgcgcgatt gggtggatac      540
ctcgcccgcg gtagangaga aacgactggt tacctcgctg gacaaggcga atgtgctagc      600
gacanggcag gcttttggcg aaagggtatg gatgaagggg ttccaagctt gaattnccag      660
atct                                                                   664


<210> 7466
<211> 966
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(966)
<223> n = A,T,C or G


<400> 7466
cttttgtgat acccccatt ctttgcattc tctcttttc ctcttttag aaacttgacc         60
gcgaaaatcc cacaaaaaag atgcagcgcg cattggcttc ccgtgcccgc gcctcggccc      120
tgtccggcgc ttacaagtat cgatctggtg gcagcctcgg ccagcaggtt cggttcgctc      180
acaaggagct caagtttggt gtttgagggc cgtgcccgct ctgctggccg gtgccgataa      240
ttcacatggc aaggtctgtt gctacgactc atggtaccaa gtgagacgaa atgacaacat      300
ctgagtccag caatgtcgag ctctcccaag attaccacag gacggtgtca ccgtcgcca      360
aggccatctc cctcaaggac aaagttcgag aacctgggcg ccaagctgat ccaggatgtc      420
gcctccaaaa ccaacgagac tgccggtgac ggaaccacca gtgccaccgt cctgggcccg      480
ccgccatctt gtccgagacc cgtcaagaac gttgccgccg gcttgcaacc ccatggacct      540
gcgccgaggc atccaggctg ccgtcgacgc cgtcgtcgac taccttgcag aagaacaccc      600
gcggatatca gaccaagcga aggaggnttg cgcaaggtcg ccactatcaa gtgccaacgg      660
cgaccaccac gtcggcaaag ctgattgcca acgccatgga gaaggtcggc aaggagggtg      720
tcatcaccgt caaggagggc aagangctgc aggacgagct cgaggtgacn gagggtatgc      780
gattcgaccc gcggatacgt cttcccctac ttcataccga cgccaagtcc gccaaggttg      840
agtttgagaa ccccttgatc tgctcttcga gaagaagatt tcggccgtcc aaggacatca      900
```

```
ttccccgcct tngaggcctt taccancttc cgccgcccct tgtattcatc gccgangaca      960
tttgac                                                                 966


<210> 7467
<211> 527
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(527)
<223> n = A,T,C or G


<400> 7467
caaggtcatc attgagcggt actacccccg cctgaccctc gacttcgaga ccaacaagcg       60
catctgcgat gagattgcca tcattgcttc caagcgcctg cgcaacaaga ttgccggtta      120
caccaccgac ttgatgaagc gcattcagcg aggaccgtc cgtggtatct ccttcaagct       180
tcaggaagag gagcgtgagc gcaaggacca gttcgtcccc gaggtctccg ctctcgactt      240
ctccgaggct ggccagctgg acgtcgacaa cgagaccaag gacctgctca agcacctcgg      300
cttngactnc atccccacca acgtcatccc gtctnccang ctcaggctcc ngagcgtggg      360
ccagcgacga ttcggcgacc ggccttcgnc gngactaaaa agcttttta ccttttttt       420
tgggggatat tnggggtntt tgggtttgga acattttgc angntggcgt cttaagaagg       480
gnatgagtgc atagatttcg cacaaaaga aanaactttt ttccccc                     527


<210> 7468
<211> 760
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G


<400> 7468
ggcctctgga aggtcgacaa tgccgtgtgc gcggacaccg tgtacaacgc catcaaggcc       60
ggataccgcc tgtttgacgg tgcctgtgac tatggcaacg aaaaggagtg cggcgagggc      120
gtngcccgcg ccatcaagga cggcctcgtg aagcgcgagg acctcttcat cgtgtccaag      180
ctgtggcaga cgttccacga cgaggacaag gtcgagccca tcacgcgccg ncagctggcc      240
gactggcaga ttgactactt cgacctcttc tcgtccactt ccccgccgcc tcgagtacgt      300
cgaccccagc gtgcgctacc cgcccggctg gttctacgac ggcaaaagcg aggtgcgctg      360
gaacaagacg acgacgctgc agcagacctg gggcgccatg gagcgcctcg tcgacaaggg      420
cctcgcccgc agcatcggcg ttttaaacta ccaggcccag tccgtctacg acgccctcat      480
ctacgccccg catcaaaccc gccaccttc agatcgagca ccaccgtac cttcagcagc       540
ccgacctngt tagnctcgcc aagaccgagg gcatcgttcg tcacccgcta ctcgtncttt      600
ggccccacgg cttnatggac ttcgacattg nctcgncgaa gagcgtngcg cccttatgga      660
cagccccgtc atnaaggcct tggcgacaag caccgccgna cgcctggcca ggtccttttt      720
ggattgggcc acccaacgaa ggnattcgnc gtattcccaa                           760


<210> 7469
<211> 837
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(837)
<223> n = A,T,C or G


<400> 7469
```

- 2658 -

```
ngangcgccg attcggcacg aggcgcctca acctcctttta cgactccccg attctattca    60
cagcccgcca aaatgcccaa caccaaggtt tacttcgaca tcgcctggaa gggcccggtc   120
ttcaaggacg gccgcgccac caacgagatc aaggagcaaa ccggtcgcat caacttcaac   180
ctctttgacg acgttgtccc caagaccgcc gagaacttcc gcgctctctg caccggcgag   240
aagggcttcg gctacaaggg ctcttctttc caccgcatca tccccaactt catgctccag   300
ggtggtgact tcacccgcgg taacggcact ggcggcaagt ccatctacgg cgagaagttt   360
gccgatgaga acttccagct gaagcacgac cgccccggtc tgcttgtcca tggccaacgc   420
tggctcccaa caccaaaccg gctcccaagt tcttcatcac caccggccgt caccttcctg   480
gttgaaacgg ccgccacgtc gtctttcggc cgaaggttgc ccgacaaang gagttccatt   540
gggcttgntc gtccaggccc ctttcaaggg ccacccggnc cgtggaatga cngcaaggtc   600
aagtacgaac cccgcccacc attgtcgaca gcggtgtnct gtaagctttg tgcaagttgg   660
caagaatgct tttgcatgtc cgtgtggtgg caaagtttgg gtncatgaag ccatcgtggg   720
cnggttaaac aaggggcttt aacgcttcan aaagactata aaagtacctn gncctattct   780
ttanccaaac atttacgggg ctgnaaacat ataaaaaaaa acacatntgg tggcttc      837


<210> 7470
<211> 670
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G


<400> 7470
atcaccacca ccaagaaggg ttccattacc tccgtccagg ccgtctacgt ccctgctgac    60
gatttgaccg atcctgcccc cgccaccacc ttcgctcact tggacgccac cactgtcttg   120
tctcgtggta tctccgagct gggtatctac cccgccgtcg accctcttga ctcaacgtcc   180
cgtatgcttg accccgtat cgtcggcagg agcactacca gaccgccacc cgcgtccagc   240
agatcctcca ggagtacaag ggtctgcaaa gatatcattg ccattctggg tatggacgaa   300
ctgtccgaaa gccgacaaag cttaccgtcg agncgtcccc gaaagatcca agcgttttct   360
tcagccaagc ccttacccg tcgcccaagt ctttacttgg tattcgaggg caagcttcgt   420
cgnaccttaa aggacaccat tggccttctt taagggcatt cttaacggng agggtgacag   480
cctgcccgan gctgcttnta catgggtggc gactggcttt cggcaaggcc aagggtgaga   540
aaaatnttgg cggagttgga aaaaaactaa aaaaggccca actagcttcn tccaanaact   600
gggagtagtc cggcctgtgt atagactata tagnagttaa aacagctntc tgattgnaag   660
anttggtttc                                                        670


<210> 7471
<211> 771
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G


<400> 7471
tggccgggta ttccggtatc tcgtatgctg cgcaagcccc gagtcnggct acgtatagca    60
gcgacggtaa ctttcgactc accggtcaca tccatgatta cccgctggca aatgggagct   120
cgccctcatg gggagtctcg ctggcctcgc cttcgaacca gttccagctt cagctctcgc   180
agccatcctt caagcaaagc gatttgcgat atcctgtgct tgagcctctg ctgcctcacc   240
tgggaaacat cctccccgtg tctttggcgt gcgatctgat tgacctgtac ttctcctcgt   300
cttcatcagc acagatgcac ccaatgtccc catacgttct gggcttcgtc ttccggaagc   350
gctccttctt gcaccccacg aacccacgaa ggtgccagcc cgcgctgctt gcgagcatgc   420
tgtgggtggc ggcacagact agcgaagcgt ccttcttgac gagcctgccg tcggcgagga   480
acaaggtctg cagaagctgc tcgagctgac cgttgggctt cttcagccct gatccacacc   540
ggcaccaaca ggccgtttcc aagactagcc ccgtcgtcgg tgctgttgcc tgggagttct   600
```
- 2659 -

```
tggggtgggc atgccgggct cgctgaacat ggattnctgg cccggcgaaa cggggctttt      660
tggggcatag ggagccttga cgaacgtcat cacctatgtg cacttcgcac ggtcgtttcg      720
ggcaangagt acaagggcgc cagcctggcg gnggnggggg ggcggnattg g              771


<210> 7472
<211> 829
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(829)
<223> n = A,T,C or G

<400> 7472
acgacccttg cccgctgcgt tcctggtgaa gggctgcagg attagagtcc cctcgaaaca       60
gcaaacatgg gtatttctcg cgactcccgc cacaagcgct cggctaccgg tgctaagagg      120
gccacctacc gcaagaagag ggcgttcgag aagggtcgcc agccctccaa cacccgtatc      180
ggtaccaaga gaatccacct ggtccgcacc cgtggtggta accgcaagtt ccgtgccctc      240
cgtctcgagt ccggtaactt ctcctggggt tccgagggta tttcccgcaa gacccgtgtc      300
atcgttgtcg cctaccaccc ctccaacaac gagctggtcc gtaccaacac cctgaccaag      360
tcggccgtcg tcaaaattga tgctgctcct ttccgtcaat gggtaccgag gcccactacg      420
gccagcccat tcggccgcag acgccagcag aagaccgaga ccactgagga aagaagaac       480
aacagcgttg tgaaaaagca agcttgagcg cttcgcccga gagcggcaan ggtcgagtcc      540
gccatcgaga gacagttcga gggccggtcg tctctacccc gtcatttgct tccccgcctg      600
gccagancgg tcgtgtttga ccggtacatc cttggagggt ggangacttg ctttntacca      660
naaggctntc aggaagtaaa aaaaggaaat cgtgttgtna aaaggnggta ttggagtttc      720
agcaattttt ccaaaaacat ttattgatct ntggggcact accggtgcat tgngtgtaga      780
gctnttaact ttcaancaat tggaatganc cttcgttntg ttttggccg               829


<210> 7473
<211> 542
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

<400> 7473
gcccgacgac cacggnccca gtcntccttt cacaatggct tngcgaccta ccgtctccat       60
catcggcaaa gatggtgctc cctctggagc tacccacacc attcccgccg tcttcgccag      120
ccctatccga ccggatatcg tgaagcaggt tcacactggc atggccaaga caagcgcca       180
gccttatgcc gtcagcgaga aggctggtca ccagacctnt gctgagactt ggggaactgg      240
acgtgctgtt gccgtatccc ccgtgtctct ggtccggtac ccaccgtgct ggtcaggccg      300
actttggtaa catgtgccga tccggncgca tgttcccccct accaagatct ggcgcaagtg      360
gcacgtcaag gtcaaccagn gccagaagcg atatgctacc tgctctgcct ggctgcttcc      420
gctccgccct atntgtcccc gtggncacca ggtcatgacc atncccgang ttcccctggt      480
tgngactctg ntctcantaa gggcagctcc gtcgcccgac ctctgcnncc tcgccttctt      540
aa                                                                    542


<210> 7474
<211> 702
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(702)
```

<400> 7474
```
taccaatgcc ttactngtgn atgcnaccta acnntgacta tntacccta cnaggncacc      60
ngtcgngctt cggntccggt ctgcacggnt tgggccttca ccgtccgcca gttcgccgtc     120
cgctacgcca agaagtttgg tgttgacaag aacaagatga tggagcgtct ctggggcgac     180
aactacttca accccacac caagaagtgg accaagaacg gcacctacga gggcaaagca     240
gctcgagcgt gccttcaacc agttcatcct cgaccccatc ttcaagatct tctccgccgt     300
catgaacttc aagaaggacg agatcaccac cctgctcgag aagctcaacc tnccctaccc     360
ccgatgaccg ttccaaggag ggcaagcaag ctgctcaagg ccgtcatgcg cactttctgc     420
cgctgccgac tccctgctgg agatgatgat cctncacctg cctctccgtc accgccagaa     480
gtaccgtgtc gagaccctgt acganggtcc catggacgac gaggccgcca ttggtatccg     540
tgactgcgac cctaagggac ctnttcatgc tctacgtctc caagatggtg cccaccttcc     600
dacaagggcc ggttttacg cctttngncg gtgtnttntc cggtatnggt ccgctccggn     660
cttaanggtc cggattccan gggcccaact tacaccccc gg                         702
```

<210> 7475
<211> 861
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(861)

<400> 7475
```
cgctcgctcg ctcgtcgctc atcgactcgc ctctccgacc ttcaaacctc caaccagcca      60
gctccagctc tttcctgcga ggcacctcat ttcccgggcg tggtgcggct tccttacttc     120
tatccgacta cccattctct gctcctctca tttcacgcct tttgctcgcc acaatccgtc     180
agccctcgac gaccgcttct ataaccccct ccccttcaac cttgacttcg tggctactag     240
actgctgcgc cgcgaccgaa taacaaccag gccgaacctc gattcaggca gatacagctt     300
cacaggagaa gctttcagct actacgcaga cgacgactcg cagaagacgc atcatagaca     360
ttcgcagcaa tggcggaccc acgcaattcg tcatcctact cggttgtgcc gcaactgcag     420
tataacaccg tgagcggtgt caatggtccg ctggtcattg tcgagaacgt caaattcccg     480
cgatacaatg agatcgtcac gcttacgctg ccgacggtac ngagagaaat ggacaggttc     540
tggaagctcg aggtgaccga gctgtcgtnc angtctttga gggtacttcc ggnatcgatg     600
tgaagaanac ccgggtcaag ttcaccggnc agaacttnaa cttggngtnt cggaggacat     660
gctngggccg gatntttgat ggatctggac gcgccatcga caagggnccc aagggctgcc     720
ggaagagtac ctngacatta acgggaggnc cattaaccct ttttccgaga ataccccgag     780
gaaatgatgg gaacggattt tgggcattga cccatgaact tgatcgttcg nggaaaaana     840
ttccattttt tcggcttcgg g                                               861
```

<210> 7476
<211> 742
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(742)

<400> 7476
```
tgcccccaa gaaggtcgcc gctcccaagg agaacatctc cctgggcccc tctgcccgcg      60
atggcgagct cgtctttggc gttgcggta tcttcgctc cttcaacgac acttgtcc        120
acgtcaccga tctgtccggc cgtgaaacca tcacccgtgt caccggtgga atgaaggtca     180
aggccgaccg tgacgagtcc tcccctacg ctgccatgtt ggctgctcaa ggacgtcgcc     240
gccgctgca aggagcttgg gcatcaaacg ctctgcacat caaagaatcc gcgccacccg     300
gtgggtnaac nggtacccaa gacccccggt cccggtgccc agtctgctct ccgcgccctg     360
```

```
gcccgtgccg gcatgaagat cggccgcatt gaggacgtta ctcctacccc ctccgactct      420
actcgcagaa agggtggtcg cgtggtcgtc gtctgtaaat atcgtatttt tatttctaca      480
aaacaaacga aatggaatac cngatttaca agtgtctggc aacactttgg actggattca      540
angcacgagt ttcgctatct ggttctttca tgcggcgctg anaaaaaacg angagaacgg      600
ccttgaagcc tggtctccaa ctctattatg ctttgcgctg ggttgntcat tctcctnata      660
ctangangaa gatgtgactt aatgtcaatg cagtacacag ttacgaattc nccgaagaan      720
gntatgaaan gtcgtttcct gc                                             742
```

<210> 7477
<211> 860
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 7477
```
cgaggccgtt ctcgcaggca aaccaccgga aaatcttcac cctctcgctc aatcacaagc       60
acacaatcag acacaatgtc gggagtcaag agcgctctgc cgacccacct ctcgcccaac      120
gctgaggaca atggcttcga gcagcgtcac catggcaaga ctcgcagcca catggccttc      180
gagaacacct cgaccaacgt cgctgccgct cagatgcgaa atgccctgac caacctcgcc      240
gagaccgtca aggaccccaa ggagaagaag ctgttcgaga cggaaatgga caacttcttt      300
gccctcttcc gacgatacct caacgacaag gccaagggaa atgcggtcga ctgggatcgc      360
attgcccctc ccgccagggc caggtcgtcg actacganga tctcgccaac agcgaagtct      420
gtccagttcc tgaacaagct cgccgtcctc aagctcaacg gtggtctggg taccttcatg      480
ggctgcgtcg gaccaagttc cgtcatcgag gtccgtgacg gnattgtcct ttctcgacct      540
gtccgtccgc agatcgagta ccttaaccgc accctacggc gtcaacgtgc cctttattct      600
tgattgaact tcgttcaaca caacgatgac accgccgnca tnattaaaaa agtccgangg      660
gcacaacggg ggacattctt nactttcaac cagtcaagan accccgaat ntacaagact      720
ngnttgttgg cccgtcccca attctacaat tgcccattaa cgaaggggna cccccccgga      780
ncggggacgt tttnantttt tttnanttcg ggttcttaac aaattgtnga ggggngattt      840
aaaacntttt ctgtccacgt                                                860
```

<210> 7478
<211> 691
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 7478
```
caacgtcaag attactgatt tcggtttctg tgccaagttg acggaggcca agtccaagag       60
agcgaccatg gtcggaacgc cctactggat ggcgccggaa gttgtcaagc agaaagaata      120
cggccccaag gtcgatatct ggtctctggg catcatggcg attgagatga ttgagtctga      180
gccaccatac ctcaacgagg agccattgaa ggccctgtac ctcatcgcca ccaacggaac      240
atccgcctc aagaagcccg agaagctcag caaggagctc aagccttcc tctccgtctg      300
cctgtgcgtc gacgtcaaga gtcgagcgtc tgcggacgag cttttggctc atgacttcct      360
ccagcacggc aagcggcctt gcaagcctgg cagagctctt ggctttcaag cgcaatgcga      420
aataaacgga gcagtctga attcgcgagt atgagtgaga aaagagaag aagagtcttg      480
tcaattcttc tgatgtttga tggcctccgc gtccccttgc tgtgccatta ctggacgagc      540
agtggctggc catgtgaaag acttgagaat cattcttctt ttctggngc attggcggtn      600
tttcttcttc tttttttcta ttngggtgac tttgcntcta cacacttntt ggtctacnca      660
tgcctgcaag ttgngcggnc cccattttt t                                    691
```

<210> 7479

- 2662 -

<211> 1489
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1489)
<223> n = A,T,C or G

<400> 7479
```
atcaacgacc cgacactgat ccgcggcgtg ggtaccaagt ttggccaggg cgagggcgag      60
ccgcaaggca tgctgtttct gccgccgggc aagaagacgt cgggcgagag cgtccacatt     120
gaccaggtcc tgagtcccga ggaaatccgc atcaagcggc cgttcaagac gcagctggcg     180
cttcagcagc tcacagggcg cgacgacatt gacgaggagg gcccgcttca ccaacaagtc     240
catcaacggc ccggcaccgg gataccaagg gaccaagttc aagctcgcgc cccataccga     300
ccagaccaag gtgtacgaag nccgtctttg cgcgcctgag gaacggcggc tgtgtcggca     360
ttttcccga aggcggcagc cacgatcgcn ccagctgctc cccttgaaag gccggcgtgg     420
ccatcatggc gctgggagcg ctggccgang cgcccgactg cggtctnaag attgtgcccg     480
tgggcatgaa ctactttnca ccgcacaagt tccggtcccg cgcccgtcat cgagtttttgg     540
cgcgcccgtt ttgagatccc gcgccacctg gtggancatg taccgcaaca accaagccgc     600
cgagaaggcc attcggccag gtccttcgac accgtctaca aagccctcag cttccgtcac     660
cggtttaagc tccggactac gacacccttg atgatgatcc aagcggcgnc ggcggctcta     720
caaccccacg gccaagaaac ttgccgctgg ccgggtggtg gtggagctga accgccgcct     780
ggccctgggc tacgagcgct acaagaacga cgagaggata accagcctgt ccaagagtgt     840
caaggagtac aactcgcagc tgcgctatct caacctnagg gaccaccagg tgcagtacgc     900
caccatgtcc atctggaagg tcattgngct cttcatctac cgctccatca agctgctgat     960
cctcttcctn tgcacgggtc ccgggctcct tctgttctcg cccgtcttcg tggccacgaa    1020
aatcattaag caggcaaaag gccaaaggcg cgctggcga accttcgact gtcaaagatc    1080
ccggngggcc gccgaatgtc attgggccca cgtnggnaag aatttnttgg ttcggccttg    1140
cnggactggg ccgcccnaac gcttgtaccc acttttttaa cttcgaatca attcggtccn    1200
tggttgggaa ggggccattn gggtanccga acccggtttt ttttngggggg gcnttacntt    1260
tggnccgggg aaatngggna ttgncccccc ttggaatccc tnggggggggt anctttttg    1320
gcggaaaaat tggggggttgg gccntgggna ttgggtcaat tattccaant tggnggggggc    1380
tttcnggttt cngcnaaggg tcgggattgg acatttttna agtccnttgg ggccgntngg    1440
gggttttgct nggttccggc ctccanttta aatttccaac taaacaggg                1489
```

<210> 7480
<211> 530
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 7480
```
gcgatacctg gacacctacc tgcacgtgta caagggctac tacttcaccg gtgatggtgc      60
cgctcgtgac cacgagggat tctactggat ccgcggccgt gtcgacgacg tcgtnaacgt     120
cagcggtcac cgtctgtcaa cggccgagat tgaggctgct ctgatcgagc accactcagt     180
cgccgaggct gncgtcgttt ggtgtctcgg acgagctgac cggtcaggcc gtcaacgcct     240
tcgttgccct caaggatggc aacgacgcca acgatgcgct gccaaggagc tcgtctgcan     300
gttcgaaaga ncatcggtcc ttttgccgcg cccaaggctt gtctttattc attgggcgaa     360
tcttncncca agacgccgaa agtgggaaag aattattgcc ncccgcaatt ttnganaaaa     420
aggtgcttgg cttggccaaa ggaaggantc anacctgggg cgaatggttn tttcnccgct     480
tggccgggaa tccctttttgg ntgggggggga acaaanaaac aattnggccc                530
```

<210> 7481
<211> 900
<212> DNA

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(900)
<223> n = A,T,C or G

<400> 7481
ncggnacgag gccntgntct ctgcaacacc acgctctctt ctctcacgat acagagaagg   60
caaataaaaa cacaaccttt attctacacc tgtctctcaa ttagtcaata ttctctcctc   120
gcacattcac aatgagctcc tctcttgacc agctcaaggc cactggcacc gttgtcgtct   180
ctgacactgg tgactttgct gccatcgcca agtacaagcc ccaggatgcc accaccaacc   240
cctccctcat cctggccgcc tccaagaagc ccgagtacgc caagctgata gacgtcgcca   300
tcgactacgc caagcagaag ggcggcgaca ttgagcagca ggtcgacgat gccctcgacc   360
gcntgctggt cgagttcggc aaggagattc tcaagattgt tcccggcaag gtctccaccg   420
anqtcgacgc ccggttctcc tttgacacca aggcctctgt cgacaaggcc ctccacatta   480
tcgagctcta caaggagctc gggcatcccc aaggagccgc gtcctcatca agatcgcctc   540
cacctgggan gggcatcaag gctcgccgag atcctgcagc gcgaccacgg natcaactgc   600
aacctgacgc tcatgttctc ctgcccaagc catcggcgcc cgccgaggcc ggcgccttcc   660
tatttcccct tcgtggccga tctcactggt taaggcagca ccaagaagga ctattcaagg   720
aggaagaccc cggtgtcgct tccgcaagaa cattttaact ctacaanaaa gttgntacaa   780
aacattgtat gggtgcttcg ttccgcacac gggcgaaaat accaactcgt tgggtggaga   840
tacctggaca tttttccaac tggttgagga gttcttaatt caccgagccc gtcccaaaat   900

<210> 7482
<211> 781
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 7482
cggggaaagc ggctcagtac gtcgcccaga tggcctctgc gctgcagtac cttcaccgga   60
agcacgtcat ccaccgcgac atcaagcccg agaacatcct ggtgggcatc cacgggggaaa   120
tcaaaatctc cgactttggc tggagcgtgc acgcccccaa cagcaggcgc aagacgctgt   180
gcggtaccct cgattacctg cccccggaga tgatcaagcc cggctcttcg gacaactact   240
acaacgaaaa ggtcgacctg tggagcttgg gagtgttgac atacgagttc cttgtcggcg   300
aggctccctt tgaagatacg cctgtcatga cgcagcggag aattgcccgt gcggacatgc   360
aaattcccaa gtttgtcagc cccgaggctg ctgatctcat ctcaagactc ttggtccttg   420
accccgagaa tcgaattcct cttgacgagg tccagcgcca tccttggatt atcaagcact   480
gcgtcaaagg ggagcgagct accaaccgcg agaagcactc ctaatctgcg acttgacaca   510
tactctcgat ctgttttacg tctccgattg ctgagtttgg aaatcttgtg agagagttga   600
acggtctctg gagttggggtt tgtgagattg atatgggata atacgangag tcgacggagt   650
ttcctatccg ttatcttttt acttctttct gggtctttac agggcgggaa acacaagcga   720
gtcagtcgaa ttagtctttt cgtttngggg natcttttaa ttacattgca agttacattc   780
c   781

<210> 7483
<211> 885
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(885)
<223> n = A,T,C or G

<400> 7483

```
ntttntcacc aaagggttaa gagagggact gtcaaaacgg ctgaagatac acctggtctt      60
taagtcttgg gaattttttt ttttttttct ttttcaactc acttgaacct cccaacttac     120
acagcagcca attacagaag acgcccagcc atgcatcagc aaaccctcct cgccaccctc     180
gcggcgagtc tcgctgctct tcctttttgct caggcgggct tctattcgaa gagctctccc    240
gtgctgcaag tagacgccaa gtcgtacgac cgcctcatca caaagtcgaa tcatacctct     300
attgtcgaat tctacgcccc ctggtgcggc cactgccaaa acctcaagcc cgcctacgaa     360
aaggccgccc gcaccctcga cggcctggcc aaggtcgccg ccgtcgactg cgacgacgac     420
gccaacaagg ccctntgcgg ttcctcggcg tcaagggctt ccccaccctn aaagatcgtc     480
cgccccggca agaagcccgg ccgcccgtcg tcgangacta ccanggcagc gcaccgcggg     540
cgccattgcc gacgccgtcg tcgccaagat caacaaccac gtcgtcaaag ctgacggaca     600
aggacattga tgcctttntg gaaaaaggac ggngacaagc cnaangccat nttgttcacg     660
gnaaagggaa ctacnagtgc ccttntgagg accttgntat tgatttttnc gacgcccgng     720
accattggnc aaggtncgna aaaaggaaaa ggttgccgtn caaanggttc cggattnttt     780
tggttccttc ntttnggcct aatccccgga gggggaang gaacccgttg ttttacagcg     840
gggancttaa naagaaagga natnggtcga gtttcttaan cangg                     885
```

<210> 7484
<211> 873
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(873)
<223> n = A,T,C or G

<400> 7484

```
ctcctcagcc aaactcttgg aacaacgagg tacgtatggc ctttggtcac cgctgacggc      60
gataccgaca tggcaggatg acgcctttta ttgtggccgg ggacagcaat cgtcgacgcc     120
ggcccggatg atgagcgaac aatgtcgatg ggatcagaac gcgccgtgat gctgctgcat     180
cgcgctgctg ctgttccctg cgagcacacg tccttcttcg atggccggcg tttggcgata     240
cgctgctttt cctctttccc cttcggcaat gagcgggctg aaccctcgtc gacggatcgc     300
tgagggcact ctccatgctc atgggccact ccgagtctaa cgtcgcttgt gtggcagata     360
cctcatttcc aaacccgact tgagaatctc ctctcgacac caaataccgc caaaatggtc     420
cgcacttccg ttctccacga cgccctcaac tccatcaaca atgccgagaa ggccggcaag     480
cgtcaggtcc tgatccgacc tagctccaag gtcattgtca agttcctgca ggtcatgcag     540
cgccacggct acattggcga gttcgaggag gtcgacgacc accgntctgg caagattgtc     600
gtccanctta acggccgtct naacaagact ggtgtcatct tcccccgcta caacgtccgc     660
ctggccgatc ttcnanaagt gggtcgtnag ctgctgctgc ccgcaagtnc ggctatgtca     720
tnctnaccac ctntgntggt atnatggacc acgaggaggc ccgacnaaag cacgttgccg     780
gcaagaacat tggctttttt ttattanaac aaacaaaaac caaaatttgg gngnagagag     840
gaatcnttaa caaaaaagac gggttnggca aaa                                   873
```

<210> 7485
<211> 852
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

<400> 7485

```
tcagatcaat catggctgcc gaaagcgaaa agcaaacatt tttcgagccc attggcgcaa      60
aggcgcaggg cctctcagct gccacaaatg gcaccgttga cgaggacgac gtcaagccg      120
tggacgagat cgaatccctc tgcatgaact gccacaagaa tggcatcaca agacttctcc     180
ttacccagat cccttacttc cgcgaggtcg tcatcatgtc cttctcctgc gaccactgca     240
acttccagaa caacgagatc cagccggccg gaaccattca gcccaagggc acgcactacg     300
```

```
agctgcgact gaccgacctc gccgacttct ctcgccaggt cgtcaagtcc gacacccgcc   360
accgtcaagt ttatcgagat cgacctcgag attcccgcag gccgcggcca gctgacaaat   420
gtcgagggcc tgcttaccgg cgtcgttgac gatttggaga tgggacagga ggagcgaaaa   480
gagaaagccc ccgaggtcta cgagaaggtg gcagaaatca tcaagaagtg cagggccatg   540
ctggcaggag agtcattccc cttccgcgtc tacgttcgac gatcccgccg gcaactcttt   600
atcgcacccg acctcaagga cggtgttggc aagtgggaga gcacgagta tgcgcgaacg    660
cccgacagaa cgccgccttc ggcttgcaaa cagcgatggc atgcanagga cnggctgaaa   720
accccggctt accgaggacg gngagatttt ccaaacgaag tntacagttt ccccnccatt   780
gccccgggtg gntgcccaaa tgcccganac acatgaaaaa gggtggaatt cccccttaa    840
agcaggggg gg                                                       852


<210> 7486
<211> 542
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G


<400> 7486
tcctctcttg tcgttgcctt ggttggtatc gccagctcat gggccctttg gaggaatcca    60
tcaacgcaaa cataactgaa cgcggaccca acacacgagg ttgctgggag gacacaatgc   120
tgtccgacgt gcggccataa actacaacca agactacacc accggcggag atgttgttta   180
cacgcactcg aacaccggct ttgcagtcaa ctggtcttat cccaatgact ttgtcgtggg   240
cgtgggctgg aaccctggtg gatctgctcc catcaatttc agcggcaact ttggcgtcgg   300
cagtggcgtc ggcctgctct ctgtctacgg ctggagcact aacccccttg tcgagtacta   360
tgtcgtggaa aacaactttg ctttttcct ctggcggcac ggtgaagggc aagcgtcacc    420
aagcgacgga tcgagctaca cgaactggga gaacaccccg cgtgaaccaa cctttccatc   480
gtcggcacng ngacgttcaa ctaatacatt tcgatnccga acttcaagan atcgaatggc   540
ac                                                                  542


<210> 7487
<211> 526
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G


<400> 7487
cggcgatgtc atttggatcc cgactaccat ctgctgcttg tgcccggcat gatccgcaag    60
aagctgcccg aggccaagat tggcttcttc ttgcacgttg ccttcccctc gtccgaagtc   120
ttccgctgct tggctgtccg gaaggagctc ctcgagggca tgctgggcgc caatctcatt   180
ggcttccaga tccaggagta cacgaggcac ttcttgctca cctgcagccc gcatcctcac   240
cgtcgaggcc acgccggagg gcatccagct agaggaccgg ttcgtcgatg tggtgcacaa   300
cgccattggc attgaccccg tcagcctcaa caagcaccgc gaggaaaacg aggtcaagaa   360
gtggttggcc gtcatgcang aacgctacca gggcaagaag ctcatttgtt gcgcgagaca   420
aagctcgacc acgtgcgagg cgtccggcan aagttgttgg cataccagct gttnctgaat   480
aagaatccgg aatggcgcga aacactgtn ctgatcaagt ggcgct                   526


<210> 7488
<211> 726
<212> DNA
<213> Tricoderma reesei


<220>
```

<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

<400> 7488
nctaaacacc gcaaagatgg ncgncatgtt catgccaaaa cccgctcatg aacgggccca   60
actattcctt ctcagatgtg cccaagacgg cccacggcga gcctcgacag caccgcttca   120
accccctactc cgacaatggc ggctctacgc tggccatctc cggcgccgac tttaccatca   180
tggcgggcga tacccgtcac accagcggct acagcatcaa ctcccggatg gctcccaang   240
tcttcaagat cggtggcacc actgccaccc aggaagatgc caccatcgtc ctgtctgtct   300
gtggatttgc cgcanacggc gaggccctgc gcgatcgtct ggacaccgtc tgcaagatct   360
accgtaccga cacggcaagc ccatgtcgct caacgcctgt gctaagcggc tgtctaccat   420
cctctaccag aagcgattct tcccatacta tacgcatgcc atgctcggtg tcttgacga   480
ggaagggcaa agggtgcagt ctactcctac gacccggntg gaagctacna ncgagagcag   540
tgccganctg gcggtgctgc ngcagtttga tcatgccctt cttggacaac caggtcaact   600
tcaagaccaa tacatcccgg cagcggagag ggccacgaac tgaacganan ggagcgtcnn   660
ccttngacaa ggcaaaaggt gagnttttgt aangatgctt tgacngggtt gggqagcgta   720
cattga   726

<210> 7489
<211> 585
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 7489
tcgccgagct cgagaacact ggcgccatcc ttgacaccgg cacctctctc aacgtcctcc   60
cctcgggcct cgccgagctc ctgaacgctg agattggcgc caagaagggc tttggcggtc   120
agtacactgt tgactgctcc aagcgtgatt ccctcccccga catcaccttc agcctggccg   180
gctccaagta cagccttccc gccagcgact acatcattga gatgtctggc aactgcattt   240
cgtccttcca gggcatggac ttcccgagcc cgtgggcccc ctggtcattc tgggtgatgc   300
tttcttgcgc cgctactact ccgtctacga ccttggcagg gacgccgttg gtcttgccaa   360
ggccaaataa aagcangtag acctttgcga agtgtgtgtg tatctaagaa gtgcacatnc   420
tgtatgtttg cagaatgctg ggtaagtttt ggntatttgg gcagtttgag agcggaagac   480
agtcctactg ntgcgganga gtctggatca agaatgcaac gtcgnttatg taataactat   540
aatggagact ggccgtcgtc tgctgncgnt atttggttcg gggtc   585

<210> 7490
<211> 833
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

<400> 7490
ccgcttgct tcagcttctc tcgaggcaat ttggcgataa aaagctcttc attagcctgt   60
tgctattgct tctcgttctc ctccatcctc actcttatcc tcaccctaga tctcgtctct   120
ccaccctccg ccatgagcat ccaaactgtc cagttcgagc ccttccagga ccagaagccc   180
ggaacttctg gctgngaaa gaaggtcacc gtcttcagaa gcgcactac agcgagtcct   240
tcatcccagc atccttctgt ccatccctga gggcgctgag ggcgctttc tcgtcattgg   300
tggtgatggc cgcttctgga accccgaggt cattcaactg attgcaagat cagcgccgcg   360
tacggngtca agaagctgct catcggccag aacggnatcc tgtccactcc cgcaccagcc   420
atgtcatccg ctgcgcaagg ccactggcgg catcctgnta ccgngagcca caaccccggc   480

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ggccccagaa cgacttcggg atnaagtaca acctgtccaa cggcggcccg ccccgagtcc    540
gtgaccaaca agatctacga gacgtccaag agcttgacct cgtacaagat cgcctcgatc    600
cccgatatcg acatcttcac cattggcacc aacacctatg gctcctngag gtcgagatca    660
tcgatagcac cgccgantta cgtcgccatg ctcaaggaca tntttcgact tcgacaccat    720
caagaagttc ttttcttcca ccccgacttt aagancctgt ttgacggctg nacggggtac    780
gggcccntac ggaaaggcan tttcgaaaag gacttgggct tacggngcct gca           833
```

<210> 7491
<211> 530
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 7491
```
ntncgcgttc gccgagggct gcatcgtcgc catggacctg tccgtcctgg ccctcagcat     50
cgtcaagcag ggcgaggccg acatccccgg nctgaccgac gtngtccagc ccaagcgcct    120
cggccccaag cgagccacca agatccgcaa gttcttcaac ctcaccaagg atgacgatgt    180
ccgcaagtac gtcatccgac gagaggtcca gcccaagggc gagggcaaga agccttacac    240
caaggctccc aagatccaga gactggtcac ccccagcgc ctgcagcaca agcgccaccg    300
tctcgctctc aagcgccgca ggccgagaag gtnaaggacg aggccaacga gtacgcccag    360
atcctggcca agcgtgtcgn cgaggccaag gccnacangg tcgatgnccg caagcgacga    420
gcaagctcca tgcacaaaat aanggggttt tcgttcgggc gttttntttt tataatngaa    480
tngtaaaaaa aaggggggga nggggaaaa tcccattcnt tnataccttt               530
```

<210> 7492
<211> 698
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(698)
<223> n = A,T,C or G

<400> 7492
```
tgctcctcac atactccctc tctaggtatt gcagcctcac agctgtcaca ctgtcacaat     60
ggcggcgcag gtcatctcca actctggcca cgatgatatg attcacgatg ccgtcctcga    120
ctactatggc cgaaagctgg cgacatgctc cagcgaccgg acaatcaaga tcttcgagat    180
tgaaggcgag acacaacgct tggtcgagac tctgaagggt cacgaaggcg ctgtatggtg    240
cgtcgctggg cgcatccaa gtacggcaac atcctggcat cggctggcta cgacggaaag    300
gtcttcatct ggaaagaaca gggcacccag aacaagcagc cagtggcagc gaatctacga    360
cttccccctg cacaaggcct cggtcaacat cgtctcgtgg tcccccacg aaggccggct    420
gcctctcgct gcgcgtnctc cgacggnaaa cgtnagcgtc tcgagttcaa aggacaacag    480
ccgtcgccac gtcacatttc cccgccaccg gctnggcgtc acttccgctt cttgggcgcc    540
ccgncaccac gcccgggagc aatnngtcag caagcgcccg ggnccccggc ccacnggcaa    600
ccgacggttc ntaccccgcng gntttacaac cttataanga attnggcctt ttgaccttgt    660
tgctaancgt caacaagang gcguggnttt gacgggcc                          698
```

<210> 7493
<211> 581
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(581)
```

<223> n = A,T,C or G

<400> 7493
```
accagctcct ggatcatgct ccgtctcgcc cagtacccgc acgtcgtcga ggatctctac        60
caggaacaga tccgggtcct gggcgccgat ctgcctcccc tccagtacga acacctcgcc       120
aagctgcccc tctgccaggc catcgtcaag gagacgctgc gtctcaacgc ccccatccac       180
tccatcatgc gcaaggtcaa gcagccgatg cccgtccccg gaaccaaata cgtcatcccc       240
acgtcccacg tcctcctcgc cgcgcccggc gtcagcggct ccgaccccaa ctacttcccc       300
aaccccgaga tgtgggaccc ctaccgctgg ctgcccggct ctccaacgcc ccggttgatg       360
gtcccgaaac gacgaggagg aggaaaaggt cgactacggc tacggcatcg tcagcaaggg       420
gcgccgcctc gccgtatctc cctttggcgc gggccgccac cgatgcatcg ggcgagcact       480
ttgccaacct gcagctgcag acaattgtct gcgangtggt gcgactgttc aagctgacaa       540
tgtggacggn agcaacaaca ttgtcggcac cgactacgcc t                          581
```

<210> 7494
<211> 577
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 7494
```
naggagctgg ccagcaccct nnagaacagc agcctnttcg aggaacaccc cgagtaccgc        60
accgntctgg ccgtctgctc catccccgag cgagtcctgc agttccgcgt cacctgggag       120
gacgacaagg gccagctgcg cgtcaaccgc ggctaccgcg tgcagttcaa cttttgcgct       180
gggcccctac aagggcggtc tccggttcca tcccaccgtc aacctgtcca ttctnaagtt       240
tttggcttga agcaaatctt naagaatgcc ttgactggcc tnacatgggt ggtggnaggg       300
cggcgccgac tttgacccaa ggcaagtcgg acaacgagat ccgggcttct gcagctttat       360
gcgcactgtc gcccaattgc gccgacacgg acgtgcccgc cgcgacattg gcgtntcggc       420
cggaaaatgg atcatgttgg cgcgtcccgc aggcgaggaa caagtttgag ggcgtctgac       480
ggcaaggcct tacttgggcc ggagtctgat caactgangg cactgntacg gctngtntac       540
tacgtcgaac acatgttcaa gacgccggcc acggttc                               577
```

<210> 7495
<211> 600
<212> DNA
<213> Tricoderma reesei

<400> 7495
```
caacaacttg gatatcgcca tacaaacatc tacagcattc aacaacaacc cgtcacaatg        60
gatcccttag agagcatgtc aactggcgyt cctctgccca aggactttaa cgccgaagat       120
gcgggcaaca tggaggatat ggagaagcag tttgccgtca aagtcgtgca gcacatggcc       180
acctactggt ccatcctcga aaaggtcaag ggctcgagcc tgcgactgac caagatcgac       240
gacgagatct acgagcacct caaggaggcc tttcccgagt tcgacccggc ggccacgatc       300
gacgaggacc agatgaagag caagacgggc aaggagaggt ggcgcgagtt catgatgaag       360
tacgagaaga aggtggacga ctacaacttc ggcaccatgg tgcgcaacaa cgccaaggcc       420
gagtacgagc aggacacgac catctttgtc cctaggatgc agttctatgc gattgagatt       480
ggtcgaaaca agcacggcct caacgactgg atatacgaaa aggcgcagga ggaaaaggcg       540
caggaggaga agaaggactc taaatagata ccccgaaaat ctagcaaaaa tgggaaatcc       600
```

<210> 7496
<211> 632
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
```

<222> (1)...(632)
<223> n = A,T,C or G

<400> 7496
ngnttttccc cgccgccctc ctgcccgccc gccagctcac ggcctcgctg tgagagacat     60
tttccccgaga tgctcagcgc cgctcttcgg aggcgtatcc tcgcgcccac ccaccaggcc    120
ctgcgaagtg gcttcacggn gcacgtcgtc cgctactatg cctccttccc gagccaccag    180
gtgatcaaga tgccggccct gtcgcccaca atgcaggctg gcaacattgg cgcctggcag    240
aagaagcccg gcgacaccat cgccccggc gaggtgctgg tcgagatcga dacggataag    300
gcgcagatgg actttgagtt ccaggaggag ggcgtcattg ccaagatcct caaggaggct    360
ggtgagaagg acgtcgcttg tcggcacccc catcgctgtc cttgtcgagg agggaaccga    420
catctccgcc ttcgagaagt tctctntgga ggatgctggc ggcgacgccc gctcctgctg    480
ccccaaagaa ggagtctgaa cccgctcctc agtccacccc cgcgtntgcc cctnagaaca    540
ccggccttct gaacagtacc gctttcaaag ggcaggcttg caganctggt ctcgaccgtn    600
tggccaacgc ttgntcttgc cgccatncgc ct                                  632


<210> 7497
<211> 822
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(822)
<223> n = A,T,C or G

<400> 7497
gcggacttga ccaagcggct gggaaacttg tttggaggct cacaagatgt caagaaccac     60
ccgtggtttg ccgaggttac gtgggaccga ttggcacgca aggacattga tgctccgtat    120
acgccgccgg tcaaggcagg atccggcgac gccagccagt ttgaccgata ccccgaggac    180
cccgaaaagt acggggtcc gggcggtcct gacgaatatg gcaacttgtt ttccgacttt    240
tgagtatatc aacaacgttc gaatcgaggc atacgcggc acgttgacga ctgacgatga    300
ggctttgagc gtgtggcctg agtggaaagc aaaaggagca tgtttgcctt tatttctttt    360
ggggtttggg atgtaaaaga ggtgggctgc tgggcccgtt tgcttggttg catctcngtg    420
atgggctctg cattggagaa tgggtttctt tctctctatc tctctctatg gaaagggcgg    480
ttcgatcggt catggggggg ctcttttgac ctggagtctg tgtcngaaaa cgtgtattgg    540
ggaggaaang ggaactgtgt ttgctgctgc aangccaaat ctgtctcgcc ggtaccaact    600
atccncccac ctggatatcc atcttttatt cttttccccc tgtngtggtt gtcccttttt    660
ctgctttggt ccttctcttg ggctatgatg gccaaaaagg gaatnaaagg ggggacnctt    720
atttaaggtc cttgggggtc ttgtatactt tttttgacct ggaagggccn catgtncaag    780
gaacttnacc caaaaggtgg gctttgnatg tgccttttat ta                        822


<210> 7498
<211> 795
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(795)
<223> n = A,T,C or G

<400> 7498
tctgaggtct tcaactttga gcacggtcgt gaggagctgc tggagctgat caagctggcc     50
aacgaaagca gccactccgc gcgggacttc accgccaaag agaacgggg tgcttggtgg    120
gcggagcgac aggctctcga ctctcgactt aagaagctct tagtcacaat cgagacgact    180
tggctgggag ggttcaaggg catattctcg cagcatcgca gactggggga cctgctggca    240
cgcttccagc gggatttcca ccaaatgctg gacaggactc tgccttctcg aaacaagagc    300
cgagccaaga agatgacgac gaagacggat acggtaaact ggatcccag aattctcgac    360
ttgtttattg gcctcggcaa ccctaccgac ccggacaccg actttgacga ggccatgaat    420

```
gacctgctct actttgtggt ggatatcctg cagttttcac ggcgaagcga aatgcttacg   480
acgaaatcga ttttgacagc atgggtgcta gagacgtacg atgccctgcg cgcatatcac   540
aatgctggcc agctctccaa nagagagagg aagggcgcgc acaacggtgc ttgttctcga   600
caaagctgct gcatgctttt cccctgggag gtcgcttgcc cttgcatggg accggccttt   660
tcggtgtctt cgggtgcctt tncttcccat ggtctttcgc nagctaattg anggaaggct   720
gggcattagg tcccacaagc cgcatnaaca ngggccactt ttntgttngg cnaggggttg   780
gcccataccg tcctt   795

<210> 7499
<211> 2283
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(2283)
<223> n = A,T,C or G

<400> 7499
ccggcgaaac tcagctccaa catggcttga ccaactgatg ctgccaggcc ttcattcgtg   60
ctgcgacgct tcgcctgttc ggccctattg acaagggcca tttcctcgat agttactcgc   120
ccaaatcgcc tggggaagga tcacacgcgg caagggaacg aggacacgag atagacataa   180
aagcggtagc accccctggc catccagact gcaacctcgc cattcnnatc ngctcttctc   240
tcctcacccc atcacaactc gccagttccc ttgactctcc ttcacctcag aagaaagggg   300
gcgttttgtg cagcaattgc tttccttcaa cgctgcctcc ccgactgaag cgctgtctct   360
ggcccagagg ctagagatta cccgtaacaa tgggcgagaa agaagacatt cacgctcacg   420
aggagctcga ccatggagag atcaggacca aggtcgtgac cggacacgag gcctttgagg   490
aggccatgat gaaggagccg cccaaggcct ggaccaaggc tcaggtcctc gtctacagct   540
tctccatcat tgccttcttc tgcagcacca tgaacggcta cgacggctcg ctcatcaaca   600
acctgctgca gaacccctgg ttcaaggcca agtacactgt gggaaacgac ggcatctggg   660
ccggcattgt gtcttccatg taccagattg gtggtgtcgt cgcccttccc tttgtcggcc   720
ctgccattga cggctttggc cgccgaatcg gcatgctgtt gggtgccatc ctcattgtcg   780
tcggcaccat catccagggt ctgtcaaact cgcaggccca gttcatgggc ggccgctttc   840
tgcttggatt cggcgtcttc attgcagcgg cagcgggccc catgtacgtg gttgagatta   900
accaccctgc ataccgtgga cgcgttggcg ccatgtacaa cactctctgg ttctcgggtg   960
ccatcatctc ggccggtgcc gctcgaggcg gcctcaacgt cggaggcgac tactcgtggc   1020
gactcatcac ctggctccag gccctcttct ccggcctcat catcatcttc tgcatgttcc   1080
tgcccgagtc cccccgctgg ctctacgtgc accacaagaa ggacgccgcc aaggctgtgc   1140
tcaccaagta tcatggcaac ggaaaccccg actccgtctg ggtccagctc cagctcttcg   1200
agtatgagca gctcctcaac atggacggcg ccgataagcg ctggtgggat taccgggcgc   1260
tcttccgctc gcgcgccgcc gtctaccgtc tgttgtgcaa cgtcaccatc accatttttg   1320
gccagtgggc tggcaatgcg gttctttcct acttcctcgg ctccgtcctc gatacggccg   1380
gctacacggg caccattgcg caggccaaca tcacgctcat caacaactgc cagcagttcg   1440
cctgggccat tctgggcgcc ttcctggtcg accgcgttgg tcgtcgcccc ttgctgctct   1500
tctcctttgc tgcctgcacc gtggtctggc tgggcatgac ggttgcctca tccgaatttg   1560
cgcagtcgtt catcggaaat gacgccaacg gcgatcccat ctacagcaac cccagcgctt   1620
ccaaggctgc ctggccatga tcttcatctt tggtgccgtc tactctgtgg gcatcactcc   1680
tctgcaggcc ctgtatcccg tcgaggtgct cttctttgag atgcgcgcca agggcatggc   1740
cttttccagc tttgccacca acgctgctgg actcctgaac cagtttgcat ggcccgtgtc   1800
catggacaag attggctgga agacgtacat tatctttacc atctgggatc tcgtccagac   1860
ggttgtcgtc tactttttca ttccggagac caagggacgc acttggaag agcttgacga   1920
aatcttgag gccaagaacc cggtcaagac gtcgacgacg aagaaggccg tggccgtgga   1980
cagccacggn gacattgtca atatcgagaa ggcttaatgc cacggacttt tacttgcggc   2040
acgatactat accactatat caagaatatc tgggcagttg tgcgcanggc ttggggctgt   2100
gagctgatgt tttgtttcga tggttccttg tcagggcaga ggaaacaact ttggttgcta   2160
ttttaagctg gtacttttgt ttccgctgat anttgngaaa tatgagggtg aggggagaac   2220
caaaaagaga agccctaagg atgcagcatg aatctgcaac tggcccccca gaaaaacaat   2280
tca   2283

<210> 7500
```
                                     - 2671 -

<211> 713
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 7500
ggaaccgcct gcagaacgtc gacccctgga tggtcgagac ggcccagaac ccgcgcgcgt    60
acctggccgg gtggaacatg aacaccaaca actggctgcg caactacatt tacctgcgcg   120
tgacgccccg cggcaagaag cccggcttcc gcgccagcat gacgaccttt gtcacgagcg   180
cctttttggca cggcttctac ccgggctact acctcagctt tatgctggcc agtctgattc   240
agacgtcagc caagaacttc cgccggcacg tccgcccctt tttcctcgat cccatcacgg   300
gcaacccccac gcccaagaaa aagtactacg acttcgccac gtacctcgtc acccagctta   360
ccttttcctt cacgacgctg cccttcctca tcctcagctt caaggagtcg gtccgcgcct   420
ggtcccacgt ctacttttac gcctttatct ggaccacggc gtcgctcgcc ttctttgcgt   480
cccccggcaa ggcgctgctc aggaagaagc tcgagagccg cagggcaagg ccagcgcgcg   540
gttaagcgga cgacgagcag cgagagcctn tcgggcaggg agcccattct gggcatnttc   600
aaggatccag aaggggggaca ttgncgangc tgtcaatgag tttanggcgg gagttgcgtc   660
gatgcanaaa aagaggacct ttgaaaaggg aaggggggggg ggggggggggg ggg         713

<210> 7501
<211> 799
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(799)
<223> n = A,T,C or G

<400> 7501
gcagcatgag cttcctcaag actaggaacc cgccaattcc ccagcgccgc catggctcac    60
tcgccgtcct catcgtcagc cgctgacgac cccgccgaaa acacggccga cgaggaagat   120
tccgaagact actgcaaggg cggctaccac cccgtccaga ttggcgaaaa gttcaaggac   180
ggcaagtaca ccgttgtgcg caagctgggc tggggccact tctcgaccgt ctggctgtcg   240
cgggacaaca ccaacggcaa acacgtcgcg ctcaaggtgg tgcgatccgc cacccactac   300
accgagacgg tcgtcgacga gatcaagctg tcaataagat tgtgcaggcc aaccccaacc   360
accccggccg caagcacgtt ngtcagcctg ctcgactcgt ttgagcacaa gggccccaac   420
ggacccacat gtgcatggtc tttgaggtgc tgggcgagaa ttntgctggg cctcatcaaa   480
gagatggaac acccgcggca ttcccattgc ccnttggtna agcaaatncc aagcaaggtc   540
ctgntcgggc ttgactacct tgcaccgnga gtgcgggatt attcacaccc gacctnaagc   600
ccnaanaacg ttcttgattg aattgganac gtgacaagat tgtcaagaag gtcttaaacc   660
cgnaaccccc acaaggaaac aatccaaccg gccgccgana ctaggacctt aatacttgca   720
gccagccgtt gccttttctt ttaaggccan ttnaccccan aaccttttcc tttnatactt   780
ttangggaan tttcggggg                                                 799

<210> 7502
<211> 529
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 7502

```
ncatngagca gaaggaggag tccaagggct ncgacaagca cgttgccacc atcaaggagt      60
accgcagcaa gatcgagctc gagctcgaga aggtctgcga ggatgtcctc aacgtcctgg     120
acactagcct natccccaac gccgccactg gcgagtccaa ggtcttttac cacaagatga     180
agggtgacta ccacccgcta ccttgccgag ttcgcctctg gcgagaagcg caaggtcgct     240
gcactgccgc tcacgaggcc tacaaagaac gctaccgacg ttgcccagac cgagctgact     300
tccactaccc catccgctgg gtcttgccct naactttttc gngttctaca cgagatnctc     360
aattccccga ccgngcttgg caccttggca agcaggcctt tgatgatgcc atcgccgaac     420
ttcgantttc cttttntgan ggagtcctta ccggggacag gactttttat tattgcangt     480
ttctggcgtg anaaccttga nccctgnggg aattttattt cccacaagc                 529
```

<210> 7503
<211> 379
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 7503
```
ngaggacttt gaccagngca ttatcaacta cctggccaag gcctacaaca agaagaacaa      60
cgtcgacatc tccaaggacc tcaaggccat gggcaagctc aagcgtgaag ccgaaaaggc     120
cangcgtacc ctctcttccc agatnancac tcgtatcgaa atcgacggcc tttttcgagg     180
gcaacacttn ttccgagatt ttacccgggc caagttcgag gagctcaaca tggacctttt     240
taaaaaaacc ctgaaccctg tcgaacaang ttttnaagga cgccaacgta aanaagagcg     300
aangttgacn acatcgttnt ggtcggcggt tcncccgtt tccccaangg ttcantctnt      360
tatcgangag tcctttacc                                                  379
```

<210> 7504
<211> 708
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

<400> 7504
```
ntnggccgat tcggcacgag gcctggtctg ccttccttct ctccctata cttctttct       60
tctctctctc tcttctcttt cttctcatct tcagagaaaa atcatatctt tgtgtctcca     120
aagcagatca accggttctt ctttggattt tccaactctt acaacctaac gactttttaa     180
cgtctctttt attttttacc taatacccat acttcaaaat ggctggtggt gacgctaaga     240
agggtgccaa cctcttcaag acccgttgtg cccagtgcca caccgtcgag gccaacggcg     300
gccacaagat cggccctgcc ctgcacggcc tcttcggccg caagaccggc tccgccgagg     360
gctactccta cacccgacgc caacaagcag gccnggcatc acctgggagg agaagaccct     420
gttcgagtac ctcgagaacc ccaagaagta catccccggc accaagatgg cctttgggcg     480
gcctgaagaa ggagaaggac cgcaacgacc tgatggctac ctcaaggacc ctaccaaata     540
aaccaagaag gaaaacgaag agtatgaaga aaagtaatga caagacattt cgatagacgg     600
ggtgcggcga ttgtactata gacacagaca cagcttagaa tagtcgaagc accatcactg     660
tgcttgtcca ttaatacccca acttccgctt tttttgggc gaaaaaaa                  708
```

<210> 7505
<211> 883
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature

- 2673 -
```

<222> (1)...(883)
<223> n = A,T,C or G

<400> 7505
gaagatcaaa gcacagaaaa tggccagctc aattcttcga ggaagggcgc tgggggcggt   60
gcgccagtcg cgctgcttca gctctactcc caggcagtgt gctgccgacg tcaagagtct   120
cggtgtcctc ggcgccggcc agatgggcct gggaattgct cttgttgctg cgcaaaaggc   180
acaggtccca gtgactcttg tcgatgcctc cgagcaggcg ctgagtaaag gcattgcgtt   240
tgccgagaag ctgctggcca aggatgtgtc caagtccaag attactcagg aacaggccga   300
ccaggctcgc tcgctgctca gccgagcac caagattgag gacttctcct ctgtcgactt   360
catcatcgag gctgtgcccg agattcccca gctcaagttt gacatcttca gcaagctggc   420
caagattgcc ccctctcacg caatcctggc aaccaacacg tcttcaatct ccattacacg   480
cattgctgcg gccactacta ccgatcctaa cgacacctcg gcttcatctc gagtggtctc   540
actcacttca tgaacccngt ccccgtccag aagggcgttg agattatcag cggactgcaa   600
accancaagg agactctcga cacggccggt gagttctgca agaagatggg caagatcacg   660
tncgtntcgg gcgactnttc cgggttcctc gccaacagaa tcttatgccc tacatnaacg   720
anggcatnat ttgcctggan acgggcgttg gcgacaqaaa cttcatcgat gccattatga   780
aaaaangGna ccaactnccc atggggacca ctgnaacttg gaaactttat tcggccttga   840
nactgcttgg gtattaatga anggttttct tacggagacg ggg   883

<210> 7506
<211> 402
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 7506
ntancggcca ntcgcacgag gcgtcactgt tcccgcttac ttcaacgatg cccagcgcca   60
gagcaccaag gacgccggtc agatcgctgg tctcaacgtt ctccgtgtcg tcaacgagcc   120
cactgctgcc gctcttgcct atggtttgga gaaggaggct gaccgcgtgg tcgccgtcta   180
cgatcttggt ggtggtactt tcgatatctc tatcctggag atccagaacg gtgtcttcga   240
ggtcanagtn taccaacggt gacacccacc ttggtggtna ggatttcgac atccacctgg   300
ttncgccacc atggttttcc nnagttcaag aagacttccg gcattggacc ttnttttggg   360
cgaccngcat ngttatccaa ncggtnttcn ggttganggc tt   402

<210> 7507
<211> 669
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 7507
ctgcgagttc cccgttctga agatcttcgg attcggtgac ggatcagaag acatcaacgg   60
ccccgctgga gacgttctct atgcatccta cctctccatg gcccgcgccg gccttgcctc   120
tttggagatg tgggatccca agagccagaa atggggacag gcacacagcc aggctcgctt   180
ctccattctc aaatctttcc tcgaggcgg cgacgactt tgcaagctgg actacaccaa   240
ggatgacctt tctgatttga ctattaagct ggacaggtcc aagattctca cagctggccg   300
cgacgctgtt gcaagtacct tcagaagctt cacgtttaca agtcaactgc cgacgtcgag   360
actggcacca agtttacac cgacatgagc accgttggct tggacttgg ggtcaaaggt   420
ccgccaagtg gttcttgata caagcagcc acgcaaagtc tttgtccagg ccaacactac   480
cctggatgaa gcacggactc tgtgtcgatc aagcactacg atgctacgct tntgggaatg   540
attcanagtt gggccgacag gaacctgtaa aacagtgaag ttactacaag catatccgaa   600

atgagcgacg tgccatgaca ttgatcaaat catnttcaga atatacaaga tcccttttcc   660
aagaggaga   669

<210> 7508
<211> 944
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(944)
<223> n = A,T,C or G

<400> 7508
ctgtcgtatt tgctggccga ttcgatggca gggacgtcgc cgtcaagaga atgacgattc   60
agttctacga cattgccacg ccgagaaact aagttgctgc gcgagagtga cgaccacccc   120
aaatgtcattc ggtattactc acaagtgcag cgaggcgact tcctgtatat tgcctrggaa   180
cgctgcgctg cttcattggc agatgtcatt gaaaagccgt atgcctttgg tgaattggcc   240
aaggctggac aaaaggacct accgggcgtc ttgtaccaaa tcaccaacgg catcagccac   300
ttgcactctc tgcggattgt tcatcgagac ttgaagcctc aaaacatctt ggtcaacttg   360
gacaaggacg gnagaccaag gctcttggtg tcggactttg gcctgtgtna gaaactggag   420
gatagacagt cttcgttcgg agcaacgaca ggcccagccg cttggaacgt cgggatggcg   480
tgcccccga actgcttntc gatgacgacc ggacaagaat cccggaccc atcgatagca   540
gtaccgccac aagcnggctt ttcacaccca ttccttcgtg ggggaaaacc cccaaacttc   600
gctttttccc aaatgggang gggcgaagcc cacgnanggg cccattngac cattntttct   660
tcccctttgg gnccttggnc tttctttctt accgnggctt cnccaaatgg gatccccacc   720
cgtttngact tggggggcgac aagaattttt gccgggaagg nggaacaatt tgaaaanggg   780
gaaacnaccc accctccnat ccaattngga cccttttntgg gcnaatttt gccttacnaa   840
angcccaagg atctggattg ngttccttgc ttccaaggcc tttttcccaa ggggaannaa   900
cccganttc ngaaaaaggg cntggcccc cntttttttt tttn   944

<210> 7509
<211> 896
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(896)
<223> n = A,T,C or G

<400> 7509
tcatcccct cncatcggat ccgncnctcg ttagagcaga ttaagcataa agaagcctnc   60
ggagactnta cactcctctg ccatgccty cnatactcct tcaagtccat cgcctactan   120
atctcntcgc gcgaccctcg tnaacctgac gggcctcgcc ggctccgcca acgtcaccgg   180
cgacgaccag aagaagctcg acgtcatctc caacgacctc ttcatcgagg ccatgcgctc   240
ctgcggcaaa gtcgccatgc tcgtgtccga agaggaggag aaggagattc acttcccgca   300
ggccctcggc gcgcgctaca ttgtctcgtg cgaccccatc gacggctcgt ccaacctcga   360
cgcgggagtt tctgtcggca caatcttcgc catccacaag atccccgacg gcgtcgacgt   420
cgccgcaag gagcacatnc tcaaggccgg caccgagctc gtcgccgccg gcttcacaat   480
gtacggcgc tccgccagct cgtcatgacc atcaagggca agacgtca acggcttcac   540
cctgacaac ggcatcggcg agttcatcct cnccacccga catgcgcatn cccgttccg   600
ccacatctac ttcgtcaacg aggggcaact cgctctatgg ggaggaccac accatccggn   650
tacttcaact ncctcaagca ggccaggac gacggnaag cccttacagc gccccgttac   720
attggcagca tnggtcgccg atgccttacc ggaccctggt tctacggang nattttggc   780
taacggcga acaagaaaa gccccaaagg gcaagcttcg tatctttacc aatgcccnnc   840
ccattgggct tggggggttga naatgccggg ggccanccg ttgatancaa atngat   896

<210> 7510
<211> 626

<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 7510
gcgattcgcc gtccgcaact ctggcgctac ggccgttgtc gagggtgtcg gtgaccacgg   60
ttgcgagtac atgactggtg gacgagttgt catcctcggc agcactggcc gcaactttgc   120
tgcgggtatg tctggcggta ttgcgtacgt gctggacatc aacaaggact tcgtctccaa   180
gctcaacacc gagatggtcg agtacgggcc ccttacggat cccgttgaga ttgcctacgt   240
tcgcggtctc attgaggacc accaccacta cacgggctct gagcgcgcgg cacgcatcct   300
ggtcgacttc aaccgcgccc tgcctcgatt cgtcaaggtc cttcccacgg actacaagcg   360
tgtgcttgag gaggaggctg ccaaggctgc gaggccaagc cgtgcccgag tacaacctgc   420
ctgccatttc cggggtgcac cactccaaga aggaggacaa ngcttgccaa gctccaggat   480
atggaggagg ccattggcga caagctcggc cgagaagaag aagagggctn tggtgctcga   540
caagaccaan ggcttnatga agtaccctcg ccgtaccgaa aagtaccgct ttgtcgccac   600
tcgaatcaag ggactgggcc gaaatt   626

<210> 7511
<211> 1103
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1103)
<223> n = A,T,C or G

<400> 7511
gcggccttgg cctcgatttg caaaagccag gaacccttgt tgttgcttct ttgaactctt   60
ggtggccaga tgctcagctg tttcggtcga ccgactctgg dacaacatgg agcccgatct   120
gggcgtgggc gagctatccg actgagacct attactacag catctcaact cccaaagcac   180
cgtggatcaa gaacaacttt atcgatgtga cgagcgagtc accgtccgat ggtctnatca   240
agcgcctcgg ctggatgatt gagtctntcg agattgaccc acccgacagc aannactggc   300
ttttacggca ccggaatgac aatntttggc ggccacgatt tcaccaactg ggacacgcgc   360
ccacaatgtg gtcaatccaa ttacttggca gacgggattc gaaggaattt ttccgttcaa   420
ggacctggcc ttttcacccg gggggaagcg agcttttggc cgcaagtccg gagacganca   480
acgggtttac cttttgccca gcagaaacga ccttgggaca ttgccgcaga cggtttgggc   540
aactcccaca tgggccacct cgacgaagcg tcgactacgc cgggaactcg gtcaagagcc   600
gttcgtccgc gtcggcaaca ccggccggca cgcaacaagg tggccatttt tttccgaacg   650
gcgggcgccg acgtnggaay caattcgaac taacgctggn tccgaacacc gtttccattg   720
aaacggcggc gcggtggcct attcggccga cggcgacacg atcctctggt cgaccgcctc   780
gtccggcgtg cagcgctcgc agttccaggg cagctttgcc tccgtctcga gcctgcccgc   840
gggcgccgtc atcgnctcgg acaagaagac caacagcgtn ttctacgccg gctccggatc   900
gacctttac gtcagcaagg acaccggcag caagcttna cgcgccgggc cncaagctgg   960
gcaancgnaa gggacgaatc cgggaataat cgnttgttna cccgaaccac ccgggggggca   1020
cgtttgtatt gtttcgaac cgaccgttgg ggantatttc cggttccana anaactttgg   1080
ggracgnaac cntttggggc caa   1103

<210> 7512
<211> 501
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(501)

<223> n = A,T,C or G

<400> 7512
ngacaacatc cagggcatta ccaagcctgc tatccgacgt ctcgcccgtc gtggtggtgt   60
caagcgtatc tctgccatga tctacgagga gacccgcggt gttctcaagt ccttcctcga   120
gggcgtcatc cgcgacgccg tcacctacac cgagcacgcc aagcgcaaga ccgtcacctc   180
gctcgacgtt gtctacgccc ttaagcgaca gggccgcacc ctctacggtt tcggtggtta   240
aagtaccccg gaacaaacag acaaaacaaa acgcgtcttg gggtttcctt ttatatgctg   300
ctgctgcggc gcgcgtcttc accaaggggg cgatttgtgg agctggggtt atctgtgcaa   360
ataacatgga ctcttctgta ctttcgatcg attggccgtt ggggggaaat gggtttatga   420
angangcgtc atggtagacg acccttgtta catgacaata tcacacgaat acaactacga   480
taatctttcc naaaaaaaaa a   501

<210> 7513
<211> 692
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

<400> 7513
tnaagcgcga cangcaatgg gcgcatcatc ccgccttcat tccccgtcgt tccatcgcgc   60
ctgcagcagc tggctgaatt gcggcgccac agcaaagaca atgagaacct cgacgagtac   120
gacctcatcg tcatcggcgc gggcgcgacg ggcgctggaa ttgcgcttga cgccgtgact   180
cgaggcctca angtggccgt tgtcgatcgc gatgacttcg cggcgggcac cagcttcnaa   240
gagcaccaaa ctggtccacg gcgggcgtgc cnctatcttc aaaaanggct gtcatgnaac   300
ttggactact cccagcttna gctgggtnat ngaaggcgct tgancgaacc gcaagacctt   360
tnttgacgat tccgcctcac ctttccaact cgcttccaat tctgtggctt ntcgacactg   420
gctgcaagct ccatacatgt gggatcggac aaangcctac gacctgntcg ntggctcaca   480
nggnctttga gggctcttat ttnatgagca aaagcaangg tattgcaaat ttcccttntg   540
ttgcccanga caacttggtc ngngccctgg tctactacga tngccagcac aacnattccc   600
gaatgaaacg tttntttccc atgactgccc aactgtacng ggctcccgtt ttaaccatgt   660
tgangtacgg cttggatnaa aacncaaccg gc   692

<210> 7514
<211> 255
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 7514
ccctcgacca agatcctcac cttctaccgc aaacagccgt ttgacctcga ggcccgctac   60
acaaacgtta aagagcttcc tggcaaaacg aacccttgga ttggccgctt ctccgtgaag   120
ggggtcaaag ccnacggcaa ggaagacttc atgatttgca agctcaaggc ccgagtcaac   180
atccacggng tgttgaaccg tggagaacgg atactatgtc naggaccagg aggtngagga   240
gggaggtcaag gacga   255

<210> 7515
<211> 518
<212> DNA
<213> Tricoderma reesei

<220>

- 2677 -

```
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G


<400> 7515
nttccnttgc actatncagn acacaangac atnatggccn ctacaaagag ctccaatgac        60
aagtactcgg tcatnctgcc gacgtacaac gagcgcaaga acctccccat tgtggcctgg       120
ctgctgaacc gcactttcac agagcaccaa ctcgattggg aactcatcat cgtcgacgac       180
ggttcgcccg acggacccaa acgtcgccaa ccagntcgtc aaggcctacg cccccacgtc       240
gtcctcaaga ttcgttccgg aaagntgggc ttnggaccgc ttacgtccac cggcttgnag       300
ttcgtacggc aacttcgtca tatatggacg ccgacttaac caccacccaa gttatnccg        360
naatgattgc cngcanaaaa gggcactacc aaatngtaac cgggacgcgt tacgcgggca       420
acggngggt ttttcggttg ggacttgaag cgcaagttcg tnagccgngg gccaacttgt        480
tcgccgacac cgtcttcgac ccggggtaag gacttgac                               518


<210> 7516
<211> 571
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G


<400> 7516
nccacgcaac agcaacaaca ccagcgctgc cgccgtcgct cgactacgct ctgcatccac        60
gatcgcttat tcgcctacat ttcccactcc cctcctcccg ccgccgacgt ccgtcttctc       120
cctcctctga acgccttatt ctctcaaaat ggccgacgct ccgtacgatc cctacgttcc       180
caaggccggc gccgaccagt ccggcggcca gtcgcgcacg caggcgcttc aaggtgaaat       240
cgacgcaacg gtccaagtga tgcgaaagaa cattgaaaac gtggctcagc gtggtgaccg       300
cctggacgtc ctgcaagaca agaccgataa cctggcggaa tccgcacagg gcttccgccg       360
gggcgcaaac cgagtgcgaa agcagatgtg gtggaaggac atgaagatgc gcgtctgcat       420
cgttgttgga atcatcctcc tcctggttgt cattatcgtt ccatcagtcg ttgncacccg       480
ttaattactt acaactttc ttggttggtt gccatgattt acgaggtcct ttgacgagta        540
ccanaccaag ttggtttngg acggcaacgg c                                      571


<210> 7517
<211> 452
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G


<400> 7517
naagcagatt cctngtctnc tgggtcctgg tctgtccaag gncggcaagt tccccactnc        50
catctnccac gccgacgacc tctctggcaa gatcaacgag gtcaagtcca ccatcaagtt       120
cnagctgaag aaggggtctct gcatgggtgt cggctcggca acgttggcat ggagcaggag       180
cagctgatcg gcaacatcat gcttgccatc aactacctcg tcttcctctg aagaanggct       240
ggcaagaacg ttggaaagcc ttaccatcaa ngcttccatg tctcccccta agcgcctcta       300
ctaaacangt cgtggccttt ttttttttct aacctntntt ggtgnggggg nggtcaaaac       360
tttatctgac ttntttgagc tattgccgcg accgnttttg agaataacat nggntttcaa       420
ctaatnaata ccccgaacca aanggnnttt cc                                     452


<210> 7518
<211> 678
<212> DNA
```

- 2678 -

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

<400> 7518
```
cctgcgtttc gccgtgacgt gttcttcaag gccgccgact tgatccagca gaagagcggc        60
gagctggccg acatcatggc gaacgagacg ggggccaccc ttccctgggc tctcttcaac       120
ctcaagacgg cgggcgagct gattcgggac gctgccagcc gcatctctgc cattgaaggg       180
tcgttcccat ccctggcaga tcccagcagc agtggcatcg tgctgcgaga gccttatggc       240
gttgtcttgt ctatcgctcc atggaacgct ccctacatcc tacccacccg cgccattgtc       300
ggccctgctg ccgccggcaa caccgtcgtc ttgaaagcct cagagcacgc ccccgcgtgc       360
atgagggctc tcgtgtccgt cttccacgag gcgggagtgc ccagcggcgt catgaacatg       420
attgcccacg accgcgactn cgcagccgag atcaccacgg cgctcatcgn caaccccacg       480
tcagaaaggt caacttcacg gcagcaccgg cgtcgggcgc gttatcngga ngctcgcagg       540
cnacacttaa gcccgtcatc tggactcggc ggaaggcgcc ggcattgtgt gggangacgc       600
ggactggacc tggcggccac aatgcgccat cgggcgttct tcacggnggc anaatntgat       660
gtcgacgaaa aaatattg                                                     678
```

<210> 7519
<211> 287
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 7519
```
ntncggcacg agggccccc gacgtcctca aggccctcgg ccccgagtgg atcgtgcccc        60
tcgtcgccgt cctggtccac tccaacaaca ccaccgagaa cggcagcatn ttcgaggccg       120
gcgctggcca catggccaag ctgcgctggg agcggtccag cggcctgctg ntcaaggccg       180
acgactcgta cacgcccggc gccattctga agcaagtgga acaaggtcgt cgacttctcc       240
aaccccagt accccctcggg ccccaacgac ttcatgaccc tgctgga                     287
```

<210> 7520
<211> 613
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 7520
```
nncgantcgc acgaggggac gaggacgccg gcacgggcgc cgacaacttc agggtcaagc        60
gctacatcag caagtacacc atcaacccgg cgctggcgca gggcttcgcg caactngtcg       120
gcagcgtcna ggtcggcaag ctggcggacc tggtggtgtg ggatccggcc gtggttcggc       180
accaagcctt cactcgtcat caagagcggc ntcattgccc tggctcanat gggcgatccc       240
aacgcctcca tccncaccgn ccagcccatc atcgnccgcc ccatgttcgn cccncctcgt       300
cccgcaagac cagcgtcctc ttcgtcttcg ggccgccgtc ccgtcagcct cgggccgcnc       360
gtncaagtnc tacggcctt gngcaagcgc gcagaggccc gcnnggggct gccgctccgt       420
caggaaagcg cgacatgcgc tttcaacgac gccatgccna ggatgaangt cnacccggay       480
agctaacttn gtcgaaggcg gacgggaaag gnngtgcgct gnccgaacnc cggngacgaa       540
ggtttgcccg cttaccgcan gccttggtat tattgtaatt ggattngcgt tcagnaaacc       600
ggggaaaaaa tgg                                                          613
```

<210> 7521
<211> 807
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(807)
<223> n = A,T,C or G

<400> 7521
actctctagc tgaacaaatt atctgcgcaa acatggttcg ccggactgct ctgctggccc   60
ttggggctct ctcaacgctc tatatggccc aaatctcaga cgacttcgag tcgggctggg   120
atcagactaa atggcccatt tcggcaccag actgtaacca gggcggcacc gtcagcctcg   180
acaccacagt agcccacagc ggcagcaact ccatgaaggt cgttggtggc cccaatggct   240
actgtggaca catcttcttc ggcactaccc aggtgccaac tggggatgta tatgtcagag   300
cttggattcg gcttcagact gctctcggca gcaaccacgt cacattcatc atcatgccag   360
acaccgntca gggagggaag cacctccgaa ttggtggcca aagccaagtt ctcgactaca   420
accgcgagtc cgacgatgcc actcttccgg acctgtctcc caacggcatt gcctccaccg   480
tcactctgct accnggcgcc gttccagtgc ttcnagtacc acctgggcac ttgacggaac   540
catcgagacg tggctcaacg gcagnctcat cccgggcatg accgtgggcc ctggcgtcgn   600
acaatccaaa cgacgcttgg cttggacgaa gggccaagct tttatttccg gagatcaccg   660
gtgtcaactt ttggcttggg anggcctaca gcgganacgt aaacaacccg tctggttcga   720
ngacatctcg attgngtcga cccngcgtgg gatgcggccc cggcagcccc ggcggtcctg   780
gaagctcgac gactgggcna ngcagca   807

<210> 7522
<211> 413
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 7522
acaaccagac gatcatcagc aaccacttcc gcaaggattg gcagagacgg gttcgcaccc   60
actttgacca gcccggccga aagtctcgga gacgcactgc tcgtcaggcc aaggctgctg   120
ccctcgctcc tcgtcccgtc gacaagctgc gccccgtcgt gcgatgccct accattaggt   180
acaaccgccg ggtccgcgcc ggtcgtggtt tcaccctcac cgagctcaag gaggccggta   240
tctccaagtc cctggctccc accatcggca tcgccgtcga cttccgccgc cagaacctga   300
gcgaggagaa gcctngccgc caacgtggcc cgctcaaggn ctacaaggac gcgcctcatc   360
ctctgcccgc aagtccaacg ccccnaagaa gggtgacacc angaccgacg tct   413

<210> 7523
<211> 588
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 7523
atccaggcct ggtacggcgg naacgagacg ggcaactcca ttgccgacgt cgtctttggc   60
gactacaacc cctcgggcaa gctgtccctc agcttcccca agcgcctgca ggacaacccc   120
gcgtttctca acttccgcac cgaggccggg cgcacgctgt acggcgagga cgtctacgtc   180

```
gggtacaggt actacgagtt tgccgacaag gacgtcaatt tcccctttgg ccacggcctg      240
tcctacacca ctttttgcct ttttccaatc tcttccgggg tcttaacaan ggacggnaaa      300
gcttgaagcc gtggttccct nttccgngga aagaaacaac cnggcttcng tgccccnggc      360
gcaacaaggt ggggcccaag cttnttacgt taaagccncc ttccnaagcc gggccaagaa      420
atnaanccgg ccccgttcaa nggagcttna aaggggcttt tcgcaaaagg gtcgaactgg      480
caagccccg ggggaaaaac naaaggncgg gngaacaatt cganggagcc anggaanaaa      540
gtnccgttcn cttgnggtat ttttggatgn aaggaagccg gggaatca                  588


<210> 7524
<211> 768
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 7524
ctatctcctt cgtcctctcc ctacttgaca cattcttcct tctcctgccg ccctcttttt       60
ccggcttgcg cagctctctt cttcgccctc cgccgtcgcc gcatcgactc tcaatttcca      120
gtttccaggc agtcgcgcgt ctaagccaca gcgtcgttct gtgtcgcaac tcttgccaac      180
atgtcggacc atgagtttgg cggaagcaac gatgacctat cgctgccaaa gctaccgttc      240
agaagattgt cagcgaaata ttgccaccgc agacaggcgt ctntttcgca aggaggctcg      300
tgacctgctc atagaatgct gtgtcgagtt catcaccctn atcttgtccg aggccaacga      360
gatcttngag aaggaagcga aaaagaccat tgcctgcgac cacataccaa ggcgctagaa      420
cgcctgggct tttccgacta cgtgcccgcc gtgctggagg cggcggccga acacaaggaa      480
acgcaaaagg ggcgagagaa aaaggcagac aagtttgcca acaagcgggc tgtctatgga      540
ggagctcgct cggctgcagg aaagcaattc gncgcggnca gacagcgcca cacatgatgg      600
aatttgcttt tttctttttt cttttcngtg atattggggg ggaagaaggc gtcacacggt      660
gggcattact aggcgtttta tacacggttg gtganggttg gtaaggtaac aggtcagact      720
tttttgattt gggccttcat tccccggagt nggttnttaa gttatatt                  768


<210> 7525
<211> 729
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 7525
aaggcaattc ctctgggctc catcaaattc attggtacct ccacagcgca ggatgactgg       60
ttctcactgg gcatcggatc tccgcaggaa gcagaccctc ttatgaactg cgtgttcaag      120
acggaaatgt ttacccagat gcagcgtgcc atgccgggag gcttcaacct caagatcggc      180
gagacgattg aatacgcaaa gaagccgggc aagatgcagc angtcaaggt tctcaaggac      240
tctcagcagc gggctgacta ctacaagagc ggcgcgatcc acacgcagcc aggagagcct      300
ccaaattcgg tatcaaagcc gatgcccaag gccaagcccg tgccgccgcg gccatcacca      360
gaggcaagct catcaagccc ggtggtncgg gaggcaggcn gtccagaatc acgccaccc      420
gcaacactca gccgagatca acgggcaccg gtaccaggay cgttctccgc cgccgccgtt      480
cttggtggca tagtatcgga tcatcatcgg cctcatcgaa cgcgggcccg tcggcaagca      540
caagcacatt gagctcgtcg acgcatcaaa tcccgttgt cggaaatgcc ataaccggtc      600
naacagcccg ccagaaacca gtcaggcagc gctngacgcc gcttcttcgc cgcccttctt      660
gncttctgn tgttaagcca anatatggcc aagngttata tnattctccn gccagaagga      720
aacgacttg                                                             729


<210> 7526
<211> 471
```

<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 7526
gacggcaatc aggtgggcgt ccaccaccct cttgctgctg ccacaagcgg tgctgcagct   60
acaattgcca gcgatgcttt catgaatcca ttcgacgtca tcaagcagcg catgcagatg   120
caagagtctc gcaagatgta tcgctccatg gtcgactgcg ccaagtacgt ctaccgaaac   180
gagggcatcg gcgccttcta catcttctac ccgaccacgc tgtccatgac cgttcccttn   240
acggccctcc agttcctcgc ctacnaatcc atctccaccc gcatgaaccc gcaaaaagca   300
tacgatcccg tcacgcactg tntcgcccgg anccgttgc cggtggcttc ccgctggtct   360
gaccacnccc atggacgtca tcaagaccat cctacaaacg agaggcacgt tcttcgaccc   420
ccaagtncga aacgtcagcn gcttnattgg aangctgcaa gctgctgtat a   471

<210> 7527
<211> 776
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 7527
tcatgttcnc tcgctcgaat ccagcgcagg gccttctctg cctctgcccg caacctctcc   60
aaggttgctg tcctcggcgc tgccggtggc attggccagc ctctctctct cctgctcaag   120
ctcaacaccc gtgtcaccag agcttgctct gtacgacatc cgtggcagga cccggtgtcg   180
acgccgacat cttcacacgg tacaacacca agtccctcgt caagggctat gaggccactc   240
ccagcggcct cgcacgccgc cctcaagggg ctctcgacat cagtcactga tcctccgccg   300
gcagtacttc ccgcaagcnc cggcatgacc tcgtgacgac ctcttcgaaa accaacgcct   360
ncnatcggtc cgaaaccttg accaaggctg gtgcccgnag tttccccccc aaggccaagc   420
tgctcatcat cttcaacccc gtcaacttca cgtcccatct gcgccgaggt cttnaaggnc   480
ccgcggcgtc tacnacccaa gaagctnttt cgcgtnccac cctcgacgtc gtccgcgcca   540
gccgtttcgt nttcganatc aagggcaccg accccaagga cgagaacata accgtcgtcg   600
ggggcaattc cggggtnaca ttgtcccctt ttnagcaaaa caancacccc gagctttctt   660
caacgccgag cttgtaaacc gcgtcanttt cgngggggaca aggttttaag gcaaaggacg   720
gggccggttc cncaaccttt tcatgggctt ttgccggggc cnatnggcca atttt   776

<210> 7528
<211> 645
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 7528
cttgcgcagt gaatcattgt tccacggata cgcaaactgg ggactgcatc tcttacgtcg   60
gatraccttg ggcaacaggc gaaactactt caggccagat caaatcaaga tggcgtcaca   120
attgctaccc ctcgaactca tcgacaagtg tgtcggatct cggatatggg tcatcatgaa   180
gggcgataag gagttcagcg gcaccctcct gggctttgac gactacgtca acatggtgct   240
ggaggacgtg acggaattcg actacaccgg aaaccacaca aagcttccca agatcctgct   300
caacggcaat aatatctgca tgttgattcc aggaggagaa gggccagtcg gtgccacggc   360

- 2682 -

```
ttaaggatat catcgggtca cgcatatctc aagtgcatgc cggatcacca tggaaagcga      420
acatccctct acggcatatg ccatgcattg tggcgcgcag cgcgcatgct gtgactggac      480
tactgcggtt cggcgaagat tgaacaagtt ttatcttgtt ggggcatatc cagttccgtg      540
actggtttgn cttaattctc attatggcat actgnatgtt ttaagtagaa taaaaacatn      600
taacgaaant tattctccgc ggctnaaacg atgccgaaaa ccatt                      645
```

<210> 7529
<211> 346
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 7529
```
nttntgcgcc ctnttngacg ccnagaagct gtctatctgc ggtgaggaga gtttcggcac       60
cggcagcgac cacatccgtg agaaggatgg tctgtgggcc atcgtcnnct ggctgaacat      120
catcgccgnc ctgggtgtcc agaaccttga ggttaccccct ttnatcaagc agatccacaa     180
ggacttctgg aancagtacg gccgcncatt cttatcagat acngactacg agaatgtnga      240
ctntgtnggt gcnaacaagg tcgttgggcn agctttgang cttttggtan aaggaccccca     300
aattttgtng ggccaagcna ccatttggtg agccggcact cgttat                     346
```

<210> 7530
<211> 684
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(684)
<223> n = A,T,C or G

<400> 7530
```
gngnacatac ggaacgacgc caaagcccgc ttctccgtcn ccagcggcct ctggggccag       60
attgccaact tcgccttcat ccagctcgac gtcatgccca agctctggtc ctggaccggc      120
gacctgctgc tccggtacgc gcccgcgcgc ttcacgggcg agatctcgca ctccatcgtc      180
ttcgtcttcg ccttcatgct catccagcag gggctcagcc tgccgacccg catctacagc      240
acctttgtcc tcgaggagaa gtttggcttc aacaagcaga cgcccggcct cttcatctcc      300
gacatggtca agaccaacct gctcacggcc gtcctcatgc ccccgatcct cgccggtttn      360
ctcaagatca tccagaagac gggctcgcag tttgtcttct acacctgggt ctttactgcc      420
ggcatccagc tcctgatgac taccctctac cccaccttca tccaaccctg ttcaacaagc      480
tctcccccct cgaggacggn gagcttcaag accaangtca atgaattggc gggccgcttc      540
aagttccccc tgcacgaact gtatgtcatt gatggtagca agcgcagncn tcacttcaac      600
gccttttttct acnggcttcc gtggaaagaa gcacattggt atnntacgat accgcttttt      660
ggnaaagttc gagncttgaa gagg                                             684
```

<210> 7531
<211> 903
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(903)
<223> n = A,T,C or G

<400> 7531
```
cacaaaccaa caatcacaac tcacgcgcac aaacgcttca aaagcctcaa caaccactca       60
```

```
aaccacacac tctaccacac aacaacaatc aaaatgtctc tccgcaactt ctacgctccc      120
gagtcctcct tcactcccct cttccgactc ctggaggact tcgacaacta cacccgcgaa      180
aacagcgaca cccagagctc aacccgccgc acaatcgccc actggcagcc caagttcgac      240
gtccgggaaa ccggcgaggc ctatgagctg cacggcgagc tccctggcgt gaacaaggag      300
gacgtcacca tcgagttcac cgacgagcag tccatccaga tccgcggcaa ggtcgagcgc      360
acctacacgg ccggcactcc tcctgccggc gccatcacgg aatccggcga gaaagagaac      420
aaggagggtt ccgacaacaa gagccaggtc gctaagtccg gctcgcccaa gcagaagccc      480
gccgactctg ccaaatactg gctcactgag cgcagcgttg gcgagttctc tcgctccttc      540
agcttcccca accgtgtcaa ccaggacggt gtgacggcta gcttcaagga cggcatcctc      600
agcgttgtcg tccccaaggc ggccaagccc gagcctcgcc gcatcccgtc tcttaagaag      660
ctccacgaag catttcatct acgttttgtc actccttact taacggatat tggtctggag      720
gaggaataac tgcatggaag tggcgtttgt aatttcaagt tctgcgatgg atacccctta      780
gtgtaaaggg gcgagaaatg ggttttgtcn gagttgcatg tttggtttga gcgtctttca      840
cctttaacga tatccaactc tgttagtcga ctaatagagc attaatttcc cnaaaaacca      900
acc                                                                    903


<210> 7532
<211> 893
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(893)
<223> n = A,T,C or G


<400> 7532
ctcgtgcttc tgcagctcag gcatcgattg ggtctgccca cgctgtcacg atgtttctca       50
cgctgggtct ggccatgctc ctgacagcga cggtctttct tctcggtacc aaggcccagc      120
cttccgttgc cggcatgata tcaccaaaag tcatgatcgt atccatgccc gaagcccagg      180
tatggtacga caactttccc cagtccggcc tgggcaacct cacctcgcaa gccatcgccg      240
cccaggcctc tccatgctct ttccatgggt cttttgtacg gagacaggca gcgtctgtca      300
gatgaccgtc ggcgaaggtg aaatcaactc ggccgtctcc atgaccgcct catcctctcc      360
ggcagcttca acctgacgca gacgtacttt ctcctggccg gcatcgcagg ggtcaatcct      420
cggtacgcaa ccattggcag cgcggccttt gctcgatacg ctgtccaggt tgctcttcag      480
tacgagattg attcccgatc tctcccgacg actggctacg ggctacatcc cctatggccg      540
ngcccatccg tttgagtatc cctgcatcac atacggcacc cgaggtcttc gagctcaacg      600
tggacctgcg agacgcccgc catgcccttt gnccaacngg cacagntttt agaccnaccg      660
cgacccgaaa agataccgnc ttctgttttc ggacatgggc gccgtcgnac aanacggccg      720
tgatgcccccc agcgtggtca atgcgaaagc gccacaaggg acgtntacta ttngggaggc      780
cggntgngca agcttttgaa aaaactaacg gccttgtgga ccaanggacc ggcgngtatt      840
ggattgaccc ccagaaggac aatgnnacct tgaggngttg tgccggcaan cnt             893


<210> 7533
<211> 968
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(968)
<223> n = A,T,C or G


<400> 7533
aggagctgga caaggccaag ttcgagctcg aacaagcgca gagaagcggc aactttgctc       50
gagcctctga gcttcgcttc ggcgtcatcc ccgatctcga gcagaaactg ccgtccgaca      120
aggaaattca gcaaagctct gacaacagca cgctcatcca cgactcagtg accgccgacg      180
acattgccaa tgtcgtgtct cgcatcaccg gcattcccgt ctcgaagctc acttcgggac      240
atattgagaa gcttgtccac atggaggaca ttctgcggga atccgtcaag ggacaggacg      300
acgccatcaa agccgtcttc caacgccgtg cggctccagc gggccggcct cagccggcga      360
```

```
gaaccggccc cctnggccta attctttctt ccttcggacc cgacttgggc gtttgggcaa    420
gancnggagc ttngggcaaa gaaaagcttg ggcccaaact tttccttctt tctctggaan    480
ccggaaattc agccccggtc ggttccnggg ttctggaaca ttgggtcggg gaaatttncc    540
aggagaagca caccatctct cgcctcattg gcgctccgtc cggctatgtt ggatacgaag    600
atgctgggca gntgacgaag gcggtgcgtn gcaagccgta tgcggtcctt ttgttcgacg    660
agttcgaaaa agcgcaccgc gacatttntg ctctgcttnt ccaggttctc gacgagggtt    720
accttnccga tgcgcagggc cacaaggtcg acttcangaa caccatcatc gtcctacctc    780
cacctgggag cngatatcct cgtcggccan aaccactgca ccngtacaag gaggacgccc    840
aacggcgaca ttgacccatc ggtccggcaa gcaagtattg gacngtggtc ggcgtccgnt    900
tacccgncag agnttctnaa acngattcga ctccttcatn atctttnaaa gcggcttggc    960
caagaagc                                                             968
```

<210> 7534
<211> 785
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

<400> 7534
```
nnatggtcan gctgaacaag aacctntcct cctcccggag caagagccgt gccgctcact     60
tcaaggccgg ctccggccag cgccgtgtca tcatgagcgc tcccccttagc aaggagctgc    120
gcgagaagta caacgttcgc agcatcccca tccgcaagga cgacgaggtc accatcgtcc    180
gtggctccaa caagggccgt gagggcaagg tcacctccgt ctaccgcctc aagtacgtga    240
tccacgtcga gcgcgtcacc cgcgacaagg ccagcggcca gagcgtnccc tgggcatcca    300
cccctccaac gtccgtcatc accaagctca agctcgacaa ggaccggtga gaagcatcct    360
ggcccgctcc aaggtcngcc gtgagctccg cgtcccaaca agatctctgc ttaaatcttc    420
tctgatttaa gcggatgaat ctgggagcaa aaagaaaaga aaaactggt tgagacgang    480
agatgaacac tttttttttc gacacgaaac acactcaaca caggggggtt tttttccccc    540
atgtgatgca ttccacggca aacaatgata ccggggcaag gaaatgggca caaattangt    600
atattcccgg cgtttttaag cgatnccccg agnccccacca cttttttcan ctgcaggtcg    660
gcgcgggant tttttnttca agcngggtag atcgaaccaa attcganaat tttaccaatt    720
ctnnatgggc cgtttcncca actttgccgt tggggngaaa tgctccatgg gangggggttc    780
cccga                                                                 785
```

<210> 7535
<211> 769
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

<400> 7535
```
ngcggcaaag ccgccgccct tcacggcaag ggagacttgc tcggcgcaaa cgatgcctac     60
gagaccggtc tcaagcacga cccgacaat gcgcagctca tgagcggcct ggcctctgtt    120
gagaaggcca tgcagcagga agctggcggc ggactcgacc cgactggtgg cattggcaag    180
atgttcaagg accccagct gatccagaaa cttgcctcca accccaagac gagctccttc    240
ctggccgacc ccgccttcat ggccaagctg cagcagatcc agcagaaccc cctcaactcc    300
caagacctct ttagcgaccc caggatgatc caggtgctgg cgtcctcat gggcgtcgac    350
atggagatgc gggacaagtc ccctgaggg cgcccagacc tacaatgtgt ccgaagatac    420
acccatgcct gacgctccca agaagcagcc gagcccaaga aggagcccac gcccgaaccc    480
ganccgttcg acgaagangc gctggaaaag aagaagaaga aggaagaggc cgacaaggag    540
aaggcgctcg gcaccganaa ctacaagaag cgcaactttg acccgcattt gagcactaca    600
agcanggctg ggagattaca aggacatnac ctacttgaac aacctnggng cgggcttatt    660
```

```
tgagaanggg gantacgaca agtgttttga aaacttgcca aaaggccttt gacganggnc      720
gacagatnta cccgacttta aacttattcg ccaaancttc cncccgatt                   769


<210> 7536
<211> 641
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 7536
caaagtgcat gtgctcacgg aacttcactt ttgcttcttc tctcaaactc caaccagctt       60
ccggtagctg ctgcatcgcc atcttgcccg tctgcagtcc gtctgctgtc cccctgaacc      120
tcccctgcat caccaaaaga catgtcgtgc ccgcatctcg actctgtcga gctcaagccg      180
ccgactcccg cccagtcggt gtacaaggaa gactgcacgc aatgcttcga ctcgattgac      240
agccccggcg gcctcgatgt ctgcctccag tgcttcaacg gtggctgtac cggagatagg      300
gagcactcgc cgcttcacaa tgcagtctgg agtcacccgc ttgccctcaa cattcgccgc      360
actcgaaaga cggttcaccg cgatgaacca cctgccaaga tgacgaagct cgccatcgcc      420
gncgagaccg aagaagatcg atacgacact gccctgaccg caagtgcatc gagtgccaaa      480
aggagctgga cctgacaaac gccaagttgg cccccgtagt cgatggcatt ctcaaggcgc      540
acaccttctc gcgaaaggaa gangtgaagg cgtgggagca ngagctcacg acatgtgagc      600
acatctgacc ttgcagagca cccacccgc aagatcgagc a                          641


<210> 7537
<211> 724
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(724)
<223> n = A,T,C or G

<400> 7537
cattcgtact ccaacccaac agccctctcc ttgtgagaat cccagccttt tcatctacat       60
cgcgacaacc agagacagcg cgcgacaaca agagagagga cacaagcaac catggcgtcc      120
acggcgaaat accagcccgc cccccagcag gaacccgacg acgactacac gcaagcaccg      180
cccgcctacg gcaccgcagc gtcctcgtcg caccacgatc ctggcctgtt tgctgagccg      240
cgcagcagcg acgacaacat ccccgacgac ttcaagtttg gaggctctgt cgccgaagcc      300
accgtcgaca tccgcaacca gttcgtccgc aaggtctaca gcatcctcac cgtccagctc      360
gttgcgaccg ccgccctgag ctccatcagc ttnttcaagc gatgcgtaca agtcgtggat      420
ccagagccac cccgggctcg tttgggcatc tttctttggc gccatgatct tcatgggcct      480
cacctactgg aagcgcaaaa tcgtatccca caaaccttct tcttcctcgg ccttttttcac      540
ccttcacaag aggcctactt ccattcttcc gtcaatcgtc tccttcttac caagaacctt      600
ccattcgtcc ttcaaacggc caccgttctt naccggccgg gaattttttcg tcntttcctc      660
aaccttntt tcggcctggc cagnacaaaa gttaccgaac tttaacnctt natggggatg      720
gncc                                                                   724


<210> 7538
<211> 499
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G
```

- 2686 -

<400> 7538

```
gcttataccg agttcttctt ttttttcttt cttcgtgtac attcacagcc gcaaccatga      60
ttatttacaa ggacatcatc accgacgacg agatcatctc ggactcgtat gacctcaagg     120
aggtcgacgg catcgtctac gaggccgact gcgccatgat taccgagggc gccgtccacg     180
tcgacaccgg tgccaatgct tcgccgagga ggccgaggag ggtgttgagg ataccgaggt     240
caaggtcaac aacatcgtcc actctttccg tctccagtcc accagcttcg acaagaaggg     300
ctacctgtcc tacctcaagg gctacatgaa ggctgtcaag gccgccttca gganaagggt     360
gctttccccc gaagaccatt actgcctttc gaagaagggt gcccagacct acgttaaagg     420
agaancctgg ttgcccaaac ttcaanggac ttttgagttt ttacacttgg cgaattccan     480
tgaacccccg atgggaaag                                                   499
```

<210> 7539
<211> 764
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

<400> 7539

```
cgggaagtga gcgacatgct ctccaacgtc gagtacctca aacgctctct tgagcaatgc      60
agagaggtga tcgtggcatc gctgcagagc gagagggccc gcgaaggtgc caagccacca     120
aagggtcctt acgaagaaga ccaagacgtc cccatgtatg gagactccat caagccacca     180
tatggcatga cggaagtcaa aaagcgccga gggcgcgctg ctcctcctgg ccgatgccac     240
agctgcaatc gcatcgacac accagaatgg agacggggac ccgatggtgc cagaacgctg     300
tgcaatgcct gcggcctcca ctacgcaaag ctcgagcgta agcgccagct ggaagcaagg     360
gcattacgcc ctaagcccga ggagcgaagc tagagcgcgg ctcgcattcg agagcctcga     420
cgagatcttt gcatcctttt gcaccgtgct tcctgatcct tgcaaggcgt ggggactctg     480
gagcagcgag cgcattcatg atcccaagaa acgatgaaca ttttctgagt caaagaaacc     540
aaaatctttt gcagatcaaa atacccattt catttattcg agggcctcgc attgagggtt     600
ttactggaca tgtgtctttt tgaatgccgg gatacctttc ttttcggctt ttctttctta     660
cccttttttca cttggacttg gggcggnaca ttcgccaggg cattgcangg cgttcactta     720
tatatacacc atatataact ccaaggctct ngggcaactt tttc                      764
```

<210> 7540
<211> 530
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 7540

```
gagtcatcaa gactcccggc ggcgacctcc gagttcttca catcaagaag cgcggcactg      60
cgcccaagtg cggtgactac agcgccaagc tccctggtgt ccccgctctc cgcccccgcg     120
agtactccca gatctccaag cccaagaaga ccgtccaggc cgcctacggt ggttcccgat     180
gcggtggctg cgtccgtgac cggattgtnc gcgccttcct gatcgaggag cagaagattg     240
ttaaagaagg ttatgaaagg agcaggaggg cgagccagaa gaagaaataa acaaacattt     300
tttcccacca cttagacaaa aaaaatattt tcgacttgat ggacttggct ttctgtcggg     360
gatggcaagg aactcttggg ggtttggttc attggtttgg tgttcattag ggcaaaaacc     420
ggactgcatg aaacattatg gccgancaan cccatggcc ggtctgntgc tgtctttaag     480
gacttgcttt cctcttgggg gatctaatgg gaacgaacat tcaagttggn                530
```

<210> 7541
<211> 548
```
```

<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(548)
<223> n = A,T,C or G

<400> 7541
```
ctgcccaaga cgctcaagtt tatgtgccac aacggcgccg gctacgacca aatcgacgtc      60
caggcctgca cagcccacaa cgtccacgtc tccaacacgc ccacggccgt cgacgccgcc     120
accgccgacg tgaccatctg gntcntcatc ggcgccctgc gcaacctgcc cattggcatc     180
cacgccctgc gcgccggcaa gtggcggcgg ttccccgccg cccgccttgg gccacgaccc     240
cgagggcaag atcctcggna tcctgggcat gggcggnatc gggccgcaac gtcgccgaaa     300
aggcccgcgc ctttggcatg aggatccgn taccacaacc gtcccgcctg agccccgagc     360
tcgaaggagg gcgccgagta cgtcgatttc gagacgcttg ttccgggaga gcgatgtcct     420
gagcttgaac ctgcctctca accctagcac ccgccantcc atcgccgccc cccaattcgg     480
ccntnatgaa agcccggcat tcgtcatcgt naaacacccg cccggggggng ccggtnatgg     540
gacgaagg                                                             548
```

<210> 7542
<211> 667
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 7542
```
gtctcctggt ctgactacca tcacctcttt ggcctcaccc tcgactgagc agcttgacga      60
gcctcagcac cttttgggac cctcaattgc ccgctataac atctcttatt cctctcccta     120
gcagggccgt tatcccctct cccctctccg tcaagccccc tctgccgccc tcactttcaa     180
aatgatgctg tccactcttc gagttgcgag caggcgagct gtcgccctgc gccctgcgac     240
cctgaggctc accagccgtg ctgcctgtct acctggatca acgttcccca gggccctcct     300
gatgccattc ttggtattac cgaagccttc aaggccgaca agttcgagca gaagatcaac     360
ctcggcgttg gcgcataccg tgacgatgct ggcaagcctt acgtnctccc ctcggttcgc     420
gaggccgaga ggaagattgt cgacgccaag ctgaacaagg agtacgccgg cataccggtg     480
tcccgagttc cccctctgg ccgcaagttg gcctacggac caaccagtcc gtcctcgacc     540
gcgttggcat taccagacat ctccgnaccg gtgccctgcg cgttggtgct gccttcttgg     600
agcgctttta ctnngggtga caagaagatc ttnatcccca acccttgggg gccaaccaca     660
aagggcg                                                              667
```

<210> 7543
<211> 471
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 7543
```
gtgcggcccc tgcgcgcccg ctacaacccc gagatcggcg acctggtcgt cggccgcatc      60
gtcgaggtcc aggccaagcg gtggcgcgtc gacgtcgccg ccgcgcagct cgccatcctg     120
caaatctccg ccatcaacct ccccggcggc atcctccgca agcgcaccga gacggacgag     180
ctccagatcc ggagcttctt cgccgagggc gacctgctcg tcgccgaggt ccaacagctg     240
caccaggacg gngccgcagc ctgacacgcg cagnctnaag tacgggaagc ttcgcaacgg     300
```

```
cgtgtttgtc gccgttnggg gcacgggagg aagcgcccgc gtggtgcgct tcaagcgcca       360
acttgtggac catggaanac ggcaacnggc gggggaaaaa ttgacgtttt gttgggcgtc       420
aacngataca ttttggatca acaagcacgt ggaaaacgaa cttttggncg a               471


<210> 7544
<211> 701
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(701)
<223> n = A,T,C or G

<400> 7544
gaggccatcgc gacattgaga cgggtcacgg tcgaggaaga cttttactaa cgcaactctc       60
gcaaatcaca tcgaaacttc aagatgtcgt cgggaaaagt caagactgcc cagctctggg       120
gcaagaacaa ggaggagttg gccaagcagc tctctgagct caaggctgaa ctcggccagc       180
tccgcatcca gaaggttgcc tcctccggct ccaagctgaa caagatccac gacctgcgaa       240
agtccatcgc tcgtgtcttg accgtcacca acgccactca gcgaaaccag ctccgcctct       300
tctacaagaa ggccaagtac ctgcctctcg acctccgccc caagcagacc cgtgccatcc       360
gacgccgatt atcacctgag gacaaggccc gtgttctgga agactaag aagcgcaaca         420
cccacttccc tcagcgcaag ttcgccatca aggcctaaat gttttaattg tgctttggaa       480
tgcgaaggga cgtctgggta gaatggggca ttgaggcgca gcatgctttt tccacttgaa       540
caacagggct cgaattgcat cgcatggctc aaggggaat tcggtctgaa ttggacttgc         600
ttttcccggt tgggcctcgg tctgggacgg gaggcgtnct ggatggctgg ctaggtcgac       660
agtctatacc aacaaaaaaa atgaggcacg atctacaaaa g                           701


<210> 7545
<211> 496
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 7545
accacatgca atggcgagcc cagcgtcaag tatcggggca tcttcattaa cgacgagtgc       60
cccggcatgg acagctgggt tcatgaaaag tttggtccca agtttgatgc caactttac        120
cactacgtct ttgagcttct cttgcgcctc aaggcgaatt tcatgtggcc ggccatgtgg       180
cgaggatatc cgtatcccgg acgatccttt ttcgtggatg accccaagaa ccaggagctg       240
ggcgatacct atggcattgt gattggcacc tcgcaccatg agccgatgca gagggccatg       300
aacgantggt ccactactca gcccgaangc acctggaact gggataaaaa caaagaaaag       350
atcacacagt ntttcgaaga angagcccag aaggccgtgc cctaccagtt ctactttaac       420
atggggatcc aagcgaaagc gaatgtgccc atnaaaagga ggcgatcccg ntaagatcct       480
ncccgaagtg ctggat                                                       496


<210> 7546
<211> 878
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(878)
<223> n = A,T,C or G

<400> 7546
```

```
cgcgcgccgt tccgagggaa gagagcgcag tccccttccc accaaggagg agtctcccga    60
gacaaagaag gctccggtgg atgctgctgc cgccgccgcc gccgctgctg ccaagatcaa   120
cgcccagctg caagctcgaa aggctcctca gcatgtcgac gtccccccga tcaagtcctc   180
aagcggaacc cctgccgacg gcggcgatca ggagatgaag aaggagatgt atgttgccga   240
tggcgacttc atccaagaca tcgaagtcaa cgacctgcgc aatcgctact tgttgaccaa   300
gggctcgacc caggaaatga ttcgaaatga aaccggtgcc gacgttacga cccgtggcag   360
ctattaccca aacaaaagca tggccactgc ggcgaaccct cccttgtatc tccatatcac   420
gagtacaacc aaggctggcc ttgaagccgc cgtggaaaag atcaatgagc ttatcaagca   480
agagctccct caactggtcg acgagcgtcg attccgacgt cgagatcagg agcctcagcc   540
cgccagttga gcgagacgaa tatggtcgac ggaaatggcc cgaggagaag attcccattg   600
acctcgaacc tgttcacggg ttcaacctgc gagctcaggt agtcggtcat ggcggtgcct   660
acgtgaagca cattccaaca agaaacccgg atgtgtgtnc agatcaangg ccggcggttc   720
cgntaccttc gaacancccc cattntgaga ccgatgagaa catgtttctt catgtcaccg   780
gaccttgccc aaacatggtt gcaaaggcca aggacntttg tganggatct gattgccacg   840
tncaanggac aatacnagga tttaaaggcc cttccccg                          878
```

<210> 7547
<211> 873
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(873)
<223> n = A,T,C or G

<400> 7547
```
ccccacagaa agccatggac ggggcgacga tatgatccaa gctcccccgg tagcagcccg    50
tacttctggg tccagttcgt catgaggcgt gtgcgtgctc gataacggcc attcgagtac   120
ataaataatg gtggccctgc gtcacctcgc tcggccgtcc ttgctctcca tctctcctcg   180
ctgttcacga atatcgcact cgattcgctc agctcaacac tcgattcaca acccaattca   240
ccaccaccac tactccccc gattcttcag catcacccgc aaacatgtct tccggaagga    300
ccgtcaccct caacaccggc tacaagatcc cccagatcgg gttacggnac ctggcaggcc   360
gttcccggcg aggtcggcgc tggtgtcttt gaaggccctc aaggttggct accgccacct   420
cgacctggcc aaggtctacg gcaaccaaaa agangttggt gagggcatca agaagntntt   480
ggttgaggtc cccggnctga acgcgangat attttcatc acctccaagt gnggaacaac   540
tccacaagcc cgaggacgtc gagcccgctn ttcacgacac cttggccgac nttggcctcg   600
actaccttga cctntacctn atccactggc ccgttgcctt tgttccggcg cccnactntt   660
tcccaagtcc gaggaccggt tcgangggca agntnaaaca agaatgngtc ctttgnccaa   720
aactggaang gcatgaaccc aactggccaa aatccaaggt ccgttccgcg ggggtttcaa   780
ctttaccatt gaacacctcg nccctnatt gaaggccccc ggngtgtccc nncgtaaacc    840
aaaacangcg caaccccgct tcccaacaag cct                              873
```

<210> 7548
<211> 528
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 7548
```
ngccnatctn cgccaaggcg cagggccnct tatgtgnacc acatnatcaa cctngacaag    60
ctgaggtcac tcntcccca cgagaccgt aacgctacg tctcggcga gaagaaggac       120
accgtccccg tcctcgacct cctgcccctg ggctactcca agctgctggg caagggccgc   180
attcccgaaa tccccctggt tgtccgcgcg cgatgggtca gcaagctcgc tgagcagaag   240
atcaaggagg ctggtggtgt cgtcgagctg gttgcgtaaa tggcatttga aaaagaatca   300
acatgctggt gtgtgctgga gtaaggcttg tggatttgga accgggcact ttttctcaaa   360
```

- 2690 -
```

```
ggtggaaaat agaaatccct tcgcctttca accccaaatg tataccgaga caaagtggtc      420
ttcttttttt ggggaacaag aagggattgg ggttggtcgg ctacgaacat tgcatcaggg      480
gactctttaa cggagtttgt taacgaatga aaaattaaaa aattcgcc                   528
```

<210> 7549
<211> 615
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 7549
```
ntaancqcat cancaccacc aaaaatgact ggcaccatcc accacatcga atgcgtggag       60
cagctgacg ccctcctcgc ctccaccacc tacgttgtcg tcgacttcta cgccgactgg      120
tgcccgccct gcaaggccat tgcccccatc taccagaccc tcgccgacaa gcactccgtc      180
gacaagcacc tcgcctttgc aaaggtcaac gtcgaccacg tccaggacgt cgccgcccgc      240
tacggcatca ccgccatgcc caccttcctc ttctttaagg agggccagca ggtcgccgtc      300
aacggcaagc ccatgatcca gggcgccgat cccaagagcc tgggtgctgc cgtcgagaag      360
ctgagcggac tggcgcagaa gagggtcgag gaggccaacg ctgcgtctgc ttaagcgaca      420
acagtttctg ggtggacgat aagccatctn aaacgacgat gaagaacaaa atgtgatagg      480
gttatggaac atagaggggg gatatttatg caaatatagg cgcatgggac tatgtcatgg      540
caatangcag agcggncttc ttgcaatttc gaattacngt atataatctt tattcacagg      600
attactgnga aaaa                                                        615
```

<210> 7550
<211> 1090
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1090)
<223> n = A,T,C or G

<400> 7550
```
caagcaaaca ctttcagccg acaacaccac aactctttcc accaacgcac tctccactac       60
tcctctacca ctcttcaaca acaacaaaca cacacacaca caaatccgca acaatggcat      120
tcttccaccc tcacaccttc taccacccca ccgagtcctc ctcctcctcc gcctccttca      180
cgcctctctt ccgcctcctt gacgactacg acaactacag ccgccagact ggcaagtctt      240
catcatcgtc aacaacagcc gctgcgcccc gccgccagca gcagcagcag cagcaccagc      300
agcaggtgcc ccagtggcag cccaagttcg acgtcgcga ggtcgactcc gcctacgagc      360
tgcacggcga gcttcccggc gtcgccaagg aggccgtcgt cattgagttc tcggatcccc      420
agacgctgct catccgcggc cggtcggagc gcacctacac ggccggcaca tcacctactg      480
agagcaacaa caacaacaag aagagcgtga cagaggaggc ttcttcgtct tcctcgcgga      540
ggaactcgta caaggctacc gtggaggacg aggacgaggc cagcgagcgc gagtcgggct      600
acgaagtcgt caccaccacg acggagaaga acaacaagaa caaggaggag aacaagaagc      660
ccgtcgacaa ggccaagtac tggcttaccg agcgcagcat cggcgagttc ttgcgcagct      720
tccactttcc cacgctgggt ggaccacgag gccgtcagcg cgagctttaa caacggnatt      780
ctgagcattg ttgtacccaa ggcgaagaaa ncttgaggct cgtcgcattc agatcaacta      840
agaaagggaa gcaaaggatc gatggatctg cattttata aacgaccaat ggaaggatat      900
gcgcacttt ttgatttggc aggatggaaa tggtaccgga catacttcgg gattagcata      960
tgataccatg cttgtctttt ttctttgctc ttttggggat ttgccatagg gagtttggag     1020
gatatatttt ggacttgggg atcaatagaa gatcattaat ttcaaacana tgggataatt     1080
ttntgactgg                                                            1090
```

<210> 7551
<211> 895
```

<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(895)
<223> n = A,T,C or G

<400> 7551
ctgatgacga cgagccccca cgacgttaag acgacgacga cgaaccacga acgccccgat   60
agacggcctg tcaaatcttg cagtctcttt acatctgaaa gcgacttgag atcctccgaa   120
acggttgagc cgaaccggaa caagctgtat cgaatagtgt cgctgctgcc gccatggaag   180
aggccgcgca gacacagccc gctcccggag cgctgagttg gcggctcagt tcgcatccta   240
tcacgctctt gacgtttctg ggctttcgaa tatcgagcgt gctcatatac tttcttggat   300
tatggatcat caagagcatg atcatgatct tcatcatcac aatcctcctg ctcgccgccg   360
acttctacta cctcaagaac attgcgggcc ggcgcctcgt cggctccggt ggtggaacga   420
ggtggacccg cagacgggcg agtcgcagtg ggtgtttgag agcctggagc cgggcacgcg   480
gcagatcaat gcgacggaca gccggttctt ttggctggcg ctgtacattc aaccgcgtgt   540
ggtgggtgct gatggcggtg cttggcgctt attcggctgc aggtttctgt ggctgcctct   600
tggtgcgatt gcgcttgtnt taccattatn acacgctggc gttttnccgt tgcgacaagn   660
ttaaccaggc gtcgaatttc ctggaggcgc tttttggtca cnaatttggc ggcaacattg   720
cgagcacttt tgtgagccnc attgttcagg ngtaanaatg ccccggggga aaattccatg   780
aaaatgaacg gcnnggggggg gggggggng gggaagggg ggaaangaac aaggggggggg   840
cccttttccn ccaggggaag gntggntttt ggttggcccc ttttcctggg gtgnn   895

<210> 7552
<211> 710
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 7552
gctggtcgtg aaatgacgct tcactttgag actttcgaga ctgtcgcttt cgccgtgtcc   60
gttttggtcg tcacctacac cgtccaggat ggcaagtcca actatctcga gggcgccatg   120
ctgctcggcc tctacatcat cattgctgtc gccttctttg ctacgccagg tgactttttg   180
gacaaggcaa cggacctcgt cactggtggc aactaaaagc cgagcgtcga ccatcatcat   240
acaagtcgaa tactaccatc ctcggttggg gatgatcact accgacccga gaagaatacg   300
gccgtgacct gtgccgctat acctaaccac ataacatcta ccactcatg gacgaatgga   360
cgatccatat tcaccaatca caccaccgag acgaaagctc gagccgaacg tatcctgctt   420
gactcccctt ttctatctat ccgagtcctt gtacaattat tttcatgtct cgctgcaaac   480
gcgaagaagc tatttgatga tgccaaggag ggaaaacttt gcttgcttga tgtgacggaa   540
caaaacgtgt gccccaagag cggggagaca aaactttcct gtgttcgtgc ggcaagtccc   600
cgaagcgaga ttcngggaaa ttggggcaaa cngatggcgt cgagtctctg catgtttgat   660
taaaaagcta cnaactttgc tttaaaagat aatgatgaca tttttcttgn   710

<210> 7553
<211> 523
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 7553

```
tcgggcctcc tggggcggc cagcagcgcg gccaacacgg tgcggccgga ccggcagacg         60
acgtacctgg agaacatcaa gagccagctg gcgcggcccg tcttcacggc caacctcaag        120
aagggcaagc cgggcaacta caacttcggg tacatcaacg gctccgagta catcggcccc        180
atccagtacg ccgccatcaa cccgtcgtcg ccgctgtggg aggtctccgt caagcggcta        240
ccgcgtcggc agcaacgaac acaaaagtac gtgcccgcgc gtgtgggaac gccatcgccg        300
acacgggcac cacgctgctg gtcgtgccca cgacattgt caagcgccta ctacgcccaa         360
ggtcaangggg ctcgacgttc agcaacgacg tcgggatgat gctcgtgccc tgcgccgnca       420
cctgcccgac tttgctttgg ctggcaatac cgnggggtat cccnggttgt nataactacg        480
gccgatgaac aanangtact gttcggnggn atcaatcgtc cga                         523


<210> 7554
<211> 896
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(896)
<223> n = A,T,C or G


<400> 7554
tcgtcggcat cgcgaggaac acgattgaca actttctcga cttcatcgag aggttcggct         60
tcgtccccaa cggcgctcga ctgtactatc tcaaccgctc gcagccgcct ctgctgtcga        120
gaatggtgaa agtctacatc gaccacacaa acgacaccgc catcctccgc cgcgctctgc        180
ccctcctcgt caaggaacac gaattctgga cgaggaacag gaccgtcgac gtccgcgtca        240
acaacaagac ctacgtcctc aaccagtacg ccgtgcaaaa cacgcagccc cgtccggaat        300
ccttcaggga ggacttccag accgcaaaca accgctccta ctacgccgcc tcgggcatca        360
tctacccagc gacaaagccc ctgaatgagt cgcagatcga ggagctgtac gcgaatctcg        420
cgtcgggcgc ggagagcgga aacgattaca cggcgcgctg gctcgcggat ccgtccgatg        480
ccatgaggga cgtctatttc cgctccgcag ctcaacaaca aggacattgg tcccgtcgat        540
ctcaactcga tcctntacgg nacgagcttg ccatcgccaa ttctacaacc agacgggcaa        600
caccacgggc gcccgcgaat ggagcaatct cgctggcnac angagcgctt tcattcangc        650
cgtnttntgg aacgagacgc tntttangta ctttgactac aacttacttg gtncttgcaa        720
aacatttacg tcccgttgac aaggacccgg ggcttggaca gganaccgtt cgncnggcaa       780
acaggtcttt ttcacggtgg gcagttttac ccntttggac cggggnccgg gcctgatacc        840
ttaggaaaaa ccctttgccg tacgccattt tttgacgggt naanactttt ggatac           896


<210> 7555
<211> 305
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G


<400> 7555
nngantcgca cgaggccnag cgcaagctgg cccgncgccg gtgtcaagcc cccgtctacc         60
ttccagacct tcatgggcat ttaccgcaag gagggcatcc gcggcatcaa caagggtgtc        120
aacccgtcg ccatccggca gatgaccaan tggggctccc agnttcggcc tcagccncct        180
ggncgagggc tgnatccgct cggtcacggg gcaaggagaa nagcgacaag ctctccntcg        240
gagaaaaggt cnttncccag cgctctnggc ggtggtctaa gtgcntggaa ccagcccatt        300
gaggt                                                                    305


<210> 7556
<211> 711
<212> DNA
<213> Tricoderma reesei
```

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 7556
cggcacgagg gctgatcgct atggccgcaa gtggccgttt atcgtcaaca acctgctgtt   60
tatcgctctg gaattgggaa ccggcttctg caacacttac aagcagtttc tcgcctgccg   120
cgccctgttt ggcatcgcca tgggtggcct gtacggaaac gcagccgcca cggctctgga   180
agactgtccg caagaggccc gtggtattat cagcggtatc ctccagcaag ggtacccctt   240
tggctatctn ctanctgctg cttcgccgcg gctcgtcaac accacctngc acggatgggg   300
ccccctgttc tggttcggtg cctgccgccg ttctctttat cgcttccggc tgatgatgcc   360
cgaaacccaa acgtaccgcg agcgtgaacc gcatgcgcat ngaggccggc cgaagcaaga   420
acaacgatga nttccgtcgg caaggtcttc atcaccgang gcaaaggttg cctcaagcgc   480
cactggatcc tgttgaccta cctcgntctg ctcatggccn gcttcaactt catgaaccac   540
ggagccagga tctgtaccct accatgctga cgaaccagct tcgtttagcg cggacaaggt   600
caccgtcacg caagtcgtcg ccaacctggg cgccatgacc ggggnaccc tngttggatt   660
catgaaccag tctntnggcc gccgctttaa caatcgtctg ntgctgcatc g   711

<210> 7557
<211> 875
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(875)
<223> n = A,T,C or G

<400> 7557
tcctacgcct cccagccgca ccccagcgcc tatccgcgga cgacgacatc gagtcctcaa   50
actgcggccc tccgttcatc cgcccttgg aatcgccctc ctcgataccc aaccagacgc   120
cgtagtttcc gtgtgttgag aagagcgcaa tagcgaagag cagaaaagaa accggagacg   180
agacgagata aacaattatt atccatacac agacttcagc accatggccc agaagcgtct   240
tatgcaggag ctgcagtctc ttcagaagga gaaatgggta gacatcacaa cagacgaggc   300
caccttctc aagtggagga tcggtctgtg ggtggtcaat cctgacagcg ttggcatggg   360
gctttctcaa ggccgagatg agatttccgt ccgactaccc gtaccaacca ccagcgttca   420
agttcctcac tcccaacatc atccacccga acgtgtttcc gacgggaacc tttgnatctt   480
catccttcac agcccggcga agacgagcag tccggtgaac ttgcgagtga gcggtggaac   540
gtcttcacgg agtcgagtca gtccttcggt ctgtcctcct ttactggacg accctgagat   600
caacttangc gggcaacgtc gacgntagtg tattatatcg aagacaatcg cgccgagtat   660
aactngttgg gcaaaggcca cgggtcnggg ngacccaaaa gcatttcccg gagggcgcgc   720
atatgcctac catgggntga actggactcc gcacctgtaa agccggtcga ggntgactcg   780
gacttttgga acatgttnan acaaggaaaa aaannttttgg cggaagcaaa gcgatqaaaa   840
nttggaggat tttngggcca aaaaaaagga aaaag   875

<210> 7558
<211> 391
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 7558
nggcacgagg cgcaccatca cgctcgccca tcatgctgtc tcgaagcata gttgccgtct   50
cccgcatggc gccgatgcgc catttgcgcc cgtcccccgt cttccgccag ggcctcccga   120
gcttggtacg gtactatgcg gacaagatca tccaggtccc gcccatggcc gagtccatat   180

- 2694 -

```
ccgagggaac tctcaagcag ttctccaaat ccgttggcga ctacgtcgag cangatgagg      240
agattgccac cattgagacg dacaagatcg atgtcgccgt caacngcaac agaagccgga      300
gtcatcaagg agttttTcgt caaggaggag gacacctgtg accgttggcc agggacttgg      360
tcccgtgtcg agactggcgg gngagaagcc c                                     391
```

<210> 7559
<211> 623
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 7559
```
ngatggacta cgacncggcn cgtcaagaty anctaagact antcgtncga cgancagggc       60
cagttnttcc ccttcttcat cctgaccgtc acggcctgg  tcaccttcc  cttgacatac      120
agcctcttcc ggaagagcac cgacaacgat gcgcttgcgc cgcgcatctc gtcggattac      180
accatcaagc atggcgacgt tgtagcgtcg ctgcgggcgg cgcagaagag gaagcagcgc      240
aagatcaagc gggccatctt cgtcgtcctg gggtgggctc tcatggcggg catggtgtat      300
ctgatcgtga cgacacaaaa gatcattcct aagatttgga atccatatga tatcttggga      360
atttcagagt cggctacccg aaaaacaaat caagtctcac tacaagaggc tgtccgtcaa      420
attccacccc gacaaggtcc gacccgatcc cttcaagaac gagacgctgg agatgctcaa      480
cgaccgatac gttgagctta ccaaagcata ccaagccctc acggacgaag aagtacgaaa      540
caactatatt caatacngnc accccgatgg caagcagaac tttaacatcg gcanttgcgc      600
ttgcctcagt tcatnattcg aga                                             623
```

<210> 7560
<211> 598
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

<400> 7560
```
actgttctca tcaccggctg cacgcctgga ggcattgggc atgccctcgc cctcgagttt       60
cacagcagag gctgtcatgt cattgctacc gcacgcaacc cggatgtcct caagggcctc      120
gctgccatgg gcatgagcgc cgtccagctc gatgtcacca accaggacag catcaacgcc      180
gccagggacg aggtttccca catcaccggt ggcaagctcg acattctcgt caacaacgcc      240
ggccggactt acaccatccc ccgcctcgac atcgagatag acgacgtccg ccaaacctac      300
gaagaccaac gtcttcngcc catgttcacc atcaangcct ttgcccccctt gctcatcgcc      360
gnccgcggct cgtcgtcaa  cgtcttnctc catcagcttc catcagcgct acattttcgg      420
ttccgtntac gccttcacaa agggcgccat naacaagcta ctcgcgcgtc ctgcgctcga      480
gctcaagccc tttggcgtcc gcgtatggtc gcatggtcgg cacccgtccg ttccacattg      540
gcagcnaccg naccggggcc tgccgcactt ggtntactgc cgtaacanta ttcagcga       598
```

<210> 7561
<211> 488
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(488)
<223> n = A,T,C or G

<400> 7561

```
ntagcgcgcc gancgnacga ggcgctcggg tcgtcgcagc cggagatata tgttgttgcg          60
ttncaggaga tngtggagct gagcccgcag cagatcatga acagcgaccc gacgagaaag         120
agcctctggg aggcggnggt gaaacgagcc ctgaaccagc gtcaggctgc ccttggagga         180
aagaagtacg tgctgctact gagccggaca gntcgtggga gcggcgttat gcatctttgt         240
gaagtcctca tctcttgacc acatcaagaa cgttgangga agtgtcnaga aaacaggcct         300
ttttgggatg gctggaaaca tgggagctgt ttgctattcg ggttcgactn ccgcgaacac         360
tcaccttctg gctttngtga cggcgcnatc ttggccggct gggatttttn caactncgan         420
tgaagncgnc aatcngccan tcccnctacc aatttaacgg gngggcnctg gccgattntc         480
agacggaa                                                                  488
```

<210> 7562
<211> 910
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(910)
<223> n = A,T,C or G

<400> 7562

```
cttgtttgcg atttcctgct ggttatattc acgtgaagca ttggcgataa gacgaacgct          60
tgggagggga agaaagagtc gcacgaacaa caaggacgac gcaacgagtt cgatctggga         120
tatcaaacaa tgtccaacct cctcttcaaa gcccgcggct ccggcgcgcg cacttgcaaa         180
gagccagcac ctntcgggct cgccaaagat ccagcaatgc cttgcggaaa ggcgctcggc         240
ttcacacggt tacctttgga tcccggactg agcggccaaa tgcccggaaa gagcacagtc         300
ctcgaacatn taagccgaaa tttccatgcg acgaagtccn ctggcgcaaa aggacccgta         360
caaggcgctc ggcgtgagca agacggcgac nggccgccga gatcaaaaag gcatactacg         420
gcctggcgaa aaagttccac ccggacacca acaaggaccc gacggcaaag gacaagttcg         480
gcgagatcca aaacgcctac gagatcctct ccgaccccaa gaaganggag cagtacgacc         540
agttcggtga cgccagcttc gaccccaacg cccgccggag gcaatccctt tgcttggcgc         600
aactggcggc aatcctttcg cgggcttttg gtgcgcaggg cgggttcgga ggcgggttcg         650
gtggggatt caactttgag gacttgtttt cggcctttgg cggaggccgt cgatcgcatt         720
cttttcagca ggagatctgg tgggcgacaa catcgaggcc catgtcacat caactttatt         780
ggaggcagnc aagggcccag ccanaccatn acctttttcc cggggagtcg gcaaaanatt         840
gttcggcaac ggcttgaanc ttgcgcgcac ggtcccggcc caaatttgac gaacggcncc         900
cggtcctttt                                                                910
```

<210> 7563
<211> 338
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 7563

```
nnttctccnt cnacgattac ngnccgtcaa ntgtaccaat tggtagtgtn gggtcgatcg          60
gtcgttcntt atnactgggg ataccaanac tgcgtcatcc gagctcttct tcgatggttc         120
cggcgatcat tcttcacatg ggtgaacaac ccccatgcc cagtgtgctt gtcacccaca         180
atcgcccagg ggatgacagc tccgactccc gaggagagag cttgcgccgc gcttcgagtt         240
gagctctacc gatgctccgn cgagagctgc ggtgcttatg aacgctttcc acgttacggc         300
nacgtgtggc gtctcgttgc anaccnggag aggcccgc                                 338
```

<210> 7564
<211> 632
<212> DNA
```

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 7564

```
cgcagacggg caagtgtaag aacaccctga tggcgcatac gggggccatc acctgctttc      60
agcacgatgg cccgcaaggt gattagcggc agcgagaaga cggtcaagat gtgggacgtc     120
aggacgggag agtgcgtgca ggatctcttg acggaccttt ccggggtgtg gcaggtcaag     180
tttgatggaa ggcgatgcgt tgctgccgtg cagagagaca acttgaccta tgtggagatt     240
ctcgacttcg gcgccgttcg ngatggacac cctcccgaag aacttggacg tcgcatcctc     300
ctgaatgaac cagaagttcg tgccatgatt gaagaggaag tttgaagccc aaaagcgcga     360
gtatgacttg gtatccattt cccatgctt taagaaaacc aacaaaagcc actgcggttt       420
acgaaaacca aanggagcag agaatgcata tataatcagc atttggtatg gnatattgga     480
ancacgcatc tgaagggcga tccgattctg ccctcggcg gtttgttggt attatacatg       540
cnctggcttg agaaccagtg tncncattac ggactcttgg gaggggggtg tggcaaggcn     600
ttggggcttt aatgttttgt ttngtttngt gg                                   632
```

<210> 7565
<211> 462
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 7565

```
ngcgtgcgan tcggcacgag gcgactcttc atctatcctg agctatcaac agctgcgact      60
tgcccatttc ctgcgcttcc aaacaagatt atctactgaa tttcaggctt ccatcgtcct     120
ctttttcaag ctgatttgag cgagttgtta tactgtgaag atgtctgcgc agaactcggc     180
cggtatccag accctcctcg acgccgagag ggaggcgtcc aagattgtcc agagggctcg     240
agaattccgc accaagcgcg tcaaggaggc ccgcgacgag gccaatgcgg gaaatcgccn     300
agtacaaggc tcgcaaggaa gaagagttta agaaatttng aatgccgagc acagcatggg     360
gcnacgaagg ncgtccnagc caagaggccc acntagggag ggcngaagan gcntgaattn     420
gaagggtgat ttnaactang ggcggggccn anaaaagaaa cc                        462
```

<210> 7566
<211> 502
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 7566

```
ncggcgntcg gccgaggcga tgctgaaatc aaggactttt tcagcttctg cggcaagatc      60
aacgacatca aggtnaccac cgaggcgag acgaaaagcg cagaggtnat nttcgagaag      120
gagacggcca tgaagactgc cctgctgctg aacaacacac aactcggccc caaccacatc     180
accgtgtcca gcgccactgg cgactccgag gatgacggtt cgcactttgc ccactcgggc     240
aacaatacgg acgagattac ncaggagatg aagccgcgca cccgcatcct ggccgagtac     300
cttgcccacg ggtacgttgt tggtgatgct ggcgattcag ngcgccatcg ancncgacca     360
gaagcacggg cgtttcgtcg cgctttctca agnaccatcc aaggacctcg acaagaaagt     420
ccnaggctca cggaccgcgc caagaccggt cgaccagann tacggtatta cncaagcgcg     480
ccggcaacnt tttttaactg gg                                              502
```

<210> 7567
<211> 264
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

<400> 7567
acacctgcaa cagagtcttt ccncaagcca gctctgccat taatacaccc atgcgatacc   60
tngaacctcc caccgcgacc atgttgatca aggtgcgaac gttgaccggc aaggagattg   120
agctcgacat tganctggac tacaaggtgt cccagatcaa ggaaaaggtc gaggagaagg   180
agggcatccc gcccgtgcaa cagcgcctca tccacggcgg naagcaaatg accgacgaca   240
agaccgcggc cgatacaacc tcgt   264

<210> 7568
<211> 704
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 7568
ggagtcgata tgctcccgtc gcgaattgga ggtcaatcct tgcgtctggc cgctttccgt   60
tccagttctg cccggtcctc gtcgctgacc ttttctcccg cccaccgccc tgctgctgct   120
gggaaccgat actgcgcttc atcctcctcc tcctcctcct ccagcaacaa caacaacacc   180
accaccacca cttctggctc agtccctggt accgtctntg gaacaaacgc aaagacaccc   240
gctcgtctgc ccggcatgcc tgaacacgac cacgacgttg agcgctacct gcgcgaaaac   300
caccagcgcc tnttcgagaa caacaggaaa tgggctgccg agaggctnaa gcaggacccc   360
gagttcttca ctcgctgtcc gccggcagtc gcccgagtac ctntggatcg gctgcagtga   420
ttcgcgcatc cccgccgang catcacggg gcttggggcc ggcgaagcct tttggcaccg   480
caacatcgnc aacatggtca tcaacaccga ctnaacgtca tgaacgtaat caactacgcc   540
ggcgccacct naaggtcaag cacattgtcg tctgcggcac tacgggtgcg ggggtgtaaa   600
ggccgcatga ccccaaggac atgggcctgn ttaanccgtg gntggcaaca ttcgcgacgt   660
ntancggctt caacgaanaa ggactggatg ccattcccga ccaa   704

<210> 7569
<211> 580
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(580)
<223> n - A,T,C or G

<400> 7569
cttcaacgtc ggctgggccg agcgcggcga cggccgggca gacggccacg gcaactcggt   60
gccgcgcttc cacattgcct ggggcgccgg gcccgaggtg gtgcgcgtct ttgcggatcc   120
ggtgcgcagg gcggncgacg agggcctcgt gacgttcaag ttccggcacc aggtcgacga   180
gctcgtcgtg gacggcaccg gncgggcggt cggngtcagg ggnagcgtgc tcgaggccga   240
cnactcgccc ngggcgtcc agacgtcgcg agccgtccgt ngacttcgtt ttgagcttgcg   300
ccggcgcccg cccgtnattc gtnaccgttn gggccggcat tcggcggcaa caatngaagg   360
cccgtcaaaa aanaaactgg gccccgttcg aaccggcctt ggggccnca aagggngccc   420

```
cgaacttttt tttcgttnaa ccgggggntg gccccggccc aaccgtttng aacnggcccg    480
gaattgcttt cnaaaaaatc aacccgaaaa aaaacgcccc gggggggccca aaacctttnt    540
taaaaanccc gngaaaaaag ggnatttggg gcaattttaa                           580


<210> 7570
<211> 747
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

<400> 7570
gattgccgtc tctcccgccg ctgccctacc aggcagactc ttccaacacc tcgtcgcccc    60
gagtcgggtc cattgcctcg tcaatcagct ctcatacggg gtctctgtcg tcgtatacct   120
ctgtttcatc gtcaaacggc cccaagaccc cgtctcccac gctgccgcc caagccatca    180
cggggccggc caccgccatc gtcagttacg acgcgatgaa ccagagtgcc gacatgtact   240
acacacagca catgtcagct gggcaacccc cgcccctca gaccgttact tctggcggtc    300
tggcgcatta ctcgcaacac cagtctcaac tgctgccccc tgggccttcg tactccaacc   360
cggnccctta cagccagtat ggctacgcca acggcctgac gtcgncccg gccngaccct    420
ncgtcggtgn tcaaatacca tgggaaaccc gtcgactgtc ctgccctcca tcccggcgt    480
ggctggccag gcccaatacg tcggattcna caccacggga cagcagccgc cccaggcatg   540
aagcctcgtg taccgccact ctgtgggagg acgaaggcag ctctgcttca agtcgaggtt   600
cgangtatct gngtcgctng gcgagaagac aaccatatga tcaaacgggc acccaagtgc   660
tcaacgttgc tgggaatgac tcgggggncg tnaagaatgg cnttttggga aagagccgaa   720
aaaggttcng gaatngtcgn tcaaaga                                        747


<210> 7571
<211> 398
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 7571
nttcaacttn ctgcccgcca ccgncnacaa gggcgccaag atnaactctg ttcttaaagc    60
agccacggct tcacgggcgc gcnttnttcg acctgtcaag ggccctaccg ccaangtcta   120
tgncgttgac tgcaacgagg gntttctggt cggtgccagn gccggctatg atgtcaacaa   180
cgntggcntg accngaacag cgccggcgtc aggtactncg gtcngcagta cancnccgac   240
atnaccggna ccgacaacat gaacaccttt tgccgatnac tattancaca aggtcnacag   300
ccatgtcaag gncgtgccaa ngccctgga cttcaaanca ncacaccgtc ggctcatagg   360
tcncaagnaa aaccgcattg accccggntc ttctcnag                           398


<210> 7572
<211> 553
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 7572
gctctgtatg cgaagctctg ctttctctca acccataata ccccggtcat agctggtcta    50
```

```
taagagagct cttcactcag cctcgtcttc gcgtttccaa tcaattcgat cgatttcaaa   120
gcaaacagca atccacaatg gctgacgaag ttcacgtcgc tcccaacgag aaggagacca   180
acggtgtcga gcagacaacc accccgcgcc atggattcag acacagccac cacggcgact   240
tcagcgagat gacccttggc caatatgctc aggcctttgg tggtgctctt cagcctggtg   300
cctggaggcc atatgagcac cgaaagcttg ccaaccctgc tcctctgggt ctttccgctt   360
tcgcctgacc acgtttgtct gtcggcatta acatgcacgc tcgaggcgtc tccgagccca   420
atgtcgntgt gtcctcgcct tcggctatgg cggtcttgtc caattgctcg ctggcatgtg   480
ggaaaattgc tgctggtaac acctttggtg ccaccgcctg agctnttacg gngggttctg   540
gatcttcgta cgg                                                       553


<210> 7573
<211> 821
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(821)
<223> n = A,T,C or G

<400> 7573
gaatgaanac ttgatccggt ggtcggaaaa gggcgactcc ttcatcgtgc tggacgaaga    60
cgaattcgcc aaaacgctca tcccagaact gttcaagcac aacaactacg cgtcctttgt   120
ccggcaactc aacatgtacg gcttccacaa gtgcgtgggg ctctctgaca actcgatgcg   180
cgcgagcgag cgcaagaaca agagcccgag cgagtattcg aatccgtact ttcngcgagg   240
acaccccaat ctcctgtggc tcatcaacaa gcccaagagc ggcggcaagt ccaaaaaggg   300
gaacaagggc caggatggcg atggcgatag cgaggaggac ggcgcccacg aagaggttgc   360
aagcccacca gggagcgccg gtgaccaacg cccgaagccg cccgttgccg ccgtcgcang   420
agcggaaccg tcgcctnttg cccaagaagg aaatggcctt gttaaggag agctgcaaaa   480
ggtgcgggag cagcagaagc tnatacttcg gcgccatcaa cccgcctgca gcgcaacaac   540
aacgaccttt tacaaccagg ccctatgttn canaaccagc acgancggca tcagaactcg   600
atcaatgcga atctcaactt tttggccaac gtnttcagga aaacgttcga ggatcagggg   660
gcgtcgcaaa aacgtcaccg acattcatnt tcaagcctta tggngaatta naaccaanag   720
ncccaacacc agggcagcgt ggtggacttg ggcnattttt tcaagcccaa ggnnaccccg   780
ggccaggaan tnccaaaanc tgttccgccg atnccccaag t                       821


<210> 7574
<211> 1415
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1415)
<223> n = A,T,C or G

<400> 7574
gtgtaagttt ccagctctct gttttggtgt gtcgtcgatg ttgggagagg acgagatctc    60
gaggacgatc actacgtgga tgcttccaca acacggcctc gtctgcgccc agttcacgca   120
tctacccctg catctcgcgt tgtcctcctc tcctctcttg aatatcatgt ccgaatctgc   180
agaaactccc ccataatacc ccaaaggcgc gatcttggct ggatgcccac ccccaggcgg   240
tgtcatggct cgccagctgg cggagaggaa agggcccaaa gacggcggaa cgcaactcga   300
cggccgtcgc ctgtcgggaa cgacggggac gcgtgtgtct gccagctgca acggctcaac   360
ctttttcagg cgctgtggtg ttcatcttgc tcattcctct cgcctcggat cgccgagacc   420
tggtttcttc aacaccagca taccaagtca cttcgatcac tcgctttcta ggcccttgtt   480
tcgatccagt ccgacgcttc ttctcgtctc tcgttcacat acattctctt cgtcctttcc   540
aaaccaagtc aagatgaagt actccgtcgc tgctgtctcg gccctcgttg ccgttgctct   600
cgccaagccc gagttcctca actccaagtt cgaggtccag gagggccagc ccttcaccct   660
cgagtactct ggctgctctg acggctgcac catcactctg cagaccggca agagcaccga   720
cctcaaggac gtcaaggttc tgaccacctc tgccaccggc agctccacca ccgtcaccct   780
```

```
ggaggacctn ccctctggca cctacaactt caagatcacc gacaaggagg gccagagcaa      840
cttcagccag cagttcccct tccagggcac cggtgtcgcc tcgtccagcg ctgccacctc      900
cgcaccagcg ctgccgagtc caacacgggn tgcttccacc accaccgagg ctgccaccag      960
caccaccgag gccgcttcca ccacctcgga ggagtccacc accgtggtca agaaccaaaa     1020
ctgctnactt caccaccacc gaggcctnga gcaccttnac caccaccacc accgtngcca     1080
cttcacccac aagcacaaca ccaccaccgn tgctcccaca ggttcggttt ccaccaccac     1140
ttggacacca caccaccgtt gcttcactct taaaccccgc cgtcacaccg ttcttcccgg     1200
aagcgccgcc ggcacttttt ttttccctgg ccctcgttgg ccggngtggc attggcattg     1260
ccttcttctt ttaattctgc agatgcangg ctgggaggga aagggtgcca tcccgatttg     1320
ttcgcgcttt aangctttt tctctggtac cggttaaatt taatatcttg aggcaangtt     1380
gtgtcgctgc tttttttttc ttcttcaaca agcac                               1415

<210> 7575
<211> 444
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 7575
acaccacgcg atatatccac aactctgagc ccttgagctt tgcataaact acacacaaga       60
tacccaacat gcctttcacc gcaagcgaca tttgcaagat ccttcttgcc atcatcctgc      120
cgcccgtcgg tgtcttcctc gagcgaggct gcggcgctga cttcctgatc aacatcctcc      180
tcacgatcct gggttacatt cccggcatca tccacgctct gtacatcata ctgaaatact      240
aaacacgccg cccaccatcg tatccgcaaa gctcaagcca tgacgccccg tcgcttcacg      300
ccatgcacgc accaccaaat ttgcggtatc tgaacgggca ttgactggcg aaagtctttt      360
taagaatacc ggttgccnac aagtgggaag gagtgggtng cccnggcttc acaaacggtg      420
ggcccggana ttaaaccgcc ggtt                                            444

<210> 7576
<211> 786
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 7576
caaagatcta caatcaaatc acacaaccat catgggtgac aaacgactca acgacctcct       60
gcgatggagc atcgaacaca tggaggccga ctcgcctgta aaccagccct ccaacggatc      120
ccggccgcca cccacgacca acctgacccc ggagattatg gaggccctca tgggcggccc      180
ctccgacgcc gagctgatga aggccgccat ggagatcatc aacgaccccg aggtcagcct      240
ggagaacaag ctcatcgcct ttgacaactt cgagcagctc atcgagaacc tcgacaacgc      300
caacaacatt gccaacctcg acctctggac cccgctgctc gaccagcttg cgccacgaag      360
gagaagcgaa atgcgcaaag atggccgcct gggtgcgtct ggcaccgggc cgttccaaaa      420
aacaacccgc cgcacggcga ggaaccgcct tgcttgggcc attggccgg ggctggcc        480
tcggcttggg tcgaaaaatg ggcgctttaa agaaaaaaaa gcccgaagat gtccggccaa      510
ggcgatttat gcgctgagct cnanccgtca ggaattacca gcctttcatg ggatgcctgc      600
acggatgaac ttgaacaagc ggggattttg ctgntggcgt ccaaaagttc gacgcttgcc      660
ngaatattgg aatgcttgtt ggacaccgt ttantcccaa cnggtctnca ggaggaaaaa      720
cgntcaagg aaataaccgg ttcctggca acggtnntt cattagaagc ataaccgaat         780
cttatt                                                                786

<210> 7577
<211> 907
```
- 2701 -

<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(907)
<223> n = A,T,C or G

<400> 7577
atttcaaact ttctnggttt ttcctttctt tctttcttta ccatttaatt atttatttat   60
ttatttattt atttatttat tnacccattn cttnggggcc cccggggggg agcccatttc   120
ttttgggaaa ttcgggggaa cccttgggcg gttctttcgg aatttngggt ttggggcttc   180
cggggggnaa tccggcttgg ctttggaact tggaagaaaa atcttncgaa aaacccggca   240
acttggcctg gaaaaacggc aaatttgggg aacttangaa gaaacaagaa ttaaggaaga   300
acaatantcg gaccaggcct caacaaatgg cgaaacaagg cttttcccca gaaacgggcg   360
gcttnttgga gcggcatcca gggcctcggc ggctttcctc cccgcgcatc ggccctggcc   420
cggttctaca gcatnaaggg ccgcggtcgn ctccactca aaacaagcgg cctctgggac   480
gcctcaagac tcaccatcga gacgaccaag acgcccaag gccttgacc aagcctgagg   540
acctcgtctt cggcaagcaa gttcaccgac cacatgctgg gccattgagt ggacaaaaga   600
ggacgggntg gctggagcct cgcatcaccc cctaccagaa cctgtccctg acccgggcc   660
acctggcgtc ttccactacg cctttgagt gcttcgaggg catgaaaggc ctaccgggac   720
aagaacggcg acatttcgct nttncgcccg gacaagacat tggcccnctt cacaaagtcg   780
gngggccgca tcgccctgcc accttttgag ccacnggctt atcgagctca tcgcaagctc   840
acaaggtgga cgcgcgnttt atncccgccc accgnggtta ctcggttgna ctgcgcccta   900
cgcttat   907

<210> 7578
<211> 697
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(697)
<223> n = A,T,C or G

<400> 7578
cctcgacgac gccgcgcgcc agctgtggcc ctacaagttc ggcctgctgt acagcgtcac   60
gctggcgccc gacagcctga gcacggcgct ggtggtgacc aacgagggcg acgagccgtt   120
tgagtgccag acgctgctgc acacgtattt ccgagtttct gacattgcgt ccgttcaggt   180
cctcggcctc gaagactccc cctaccacga caaggtcgac ggcgtcaaga acaagacgca   240
gtcctcggac cccgtcacct tttccggcga gacggaccgc gtctacacac cggccaaggg   300
ccccggccac cccgtcggtc atcaaccgag gccggcgtcg ccaagttccg cgtcgtcgcg   360
gacaaccttc gacgacgtgg tggtgtggaa cccctgggtc gacaaggccg cggccatggc   420
cgactttgag cccaaggacc ggctggaaga aaatggtctg cgtcaaggcg ggcgcggtga   480
actcgtggca aaaactggag aaaggggatg cgtttgaggg ggcgcagaca atttacttga   540
aatgacggtc cgtcgggggc tatgtgtgtg aatctaccgn atacctgcat atattctcgc   600
atttgatgga ccatggtcct gagaaaaggc atttgagttc ttttttaaat gttggcacag   660
aatgaagcgt nttcnaaatg aaaagcatgt ttgntttt   697

<210> 7579
<211> 288
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 7579

```
ctcacctcat ctcactccaa cctcgtngtc acaaccacaa ccaccacaat ccaacatgtc        60
tgagcccgcc cccctccgcc tcggctccgt cgcccccaac ttcaaggccg agacgaccca       120
gggcccccatt gacttccacg agttcatcgg caacaactgg gtcgtcttct tctcccaccc      180
ggaggacttc accccgtgt gcaccaccga gctgggcgcc tttgcnaagc tgcagcccga        240
gttcnagaag cgcggngtca agctnatcgg ctgtccncca acacggtc                    288
```

<210> 7580
<211> 1142
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1142)
<223> n = A,T,C or G

<400> 7580

```
cgggactatg cancaccanc accacacgtn ctncgacttn accgttgtcc acgagcacac        60
ttntgttgcc cgtcccaagt tccgtgagga gatcaagatc accgaggaaa tccgngagtc       120
tactccgcaa gtccccgaac aatccgccaa gatgggttac tacgacgacg agggctctta       180
ccactcccctn aagcacggcg tcgcaagacg atcgacangc tgctccctca tcaccaccac      240
cataccacca cagtgatcac caccaccaca gtgaccatca tgaccataat aacactacga       300
tcacagagca ccgttgaagt tgatgttgtc ccgccacgat gctaatactc gtgacgcgca       360
gctccccgca ctgagtcgca agcctcagac tgtgtncatc ccctggccac acattccgct       420
gggtgacttc tgatgctcag ggncgaccat gccaggtcat ccnatntcga ccttcgtccg       480
cactggccag tacccgttac cttggtgttg acctnttcac naacagctgc acgangagtc       540
cttctttatc ttcaacccnt gccccnagcg gtggtggtca aaccatgctc gggcccgtct       600
ttcaagcagt accgcgttct tcgacatggg ttgacggnta ccttaaccgc cattgaccga      660
aaccgggggac gtaaacaagg gccttaangg cattgganca agtncaacct tgtggtcttg      720
ttttgnaagc aaggcttttg aagttccggn ccgnggagg cggtccgggg ttcttgggtc       780
cttaaangaa cnggggggc attgaacctt gcnttgtttg aanaatgaaa nggtcgttcc       840
accgggtttt ttggncttgg taaaaccaat tncttnttcg natgnacatt tttttcgggg      900
gttttnaagg ggggaaggg ggtttatttg ggnccaattc catttcctta tngggatant       960
ttccaaggct tcggaattaa aagccttgga attaatgggg naaaaaaaaa cccccatngg      1020
ggctttggga ggnggatacc gtngggaaac nggtttgggn atttttttt gggaaacggg      1080
cttgggaatg tatttttggg tcattaaagg caaaatgncc canttaaatn ggattttnct     1140
tt                                                                    1142
```

<210> 7581
<211> 772
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 7581

```
ttggcaaccc atcccctttcg caaaacaaaa nccccccccc aaacgaatct cgcgcagcat        60
gtccctcaag aacgacgcat tcccctcctc cgaggccttc gacgccatca acgccgccct       120
cagcagcagc gaagccgacc gcaaggacgc catcaagaac ggcaaggccg tctttgcatt       180
cacccctcaag aacaaggccg gcgagacggc cagctggcac attgacctca aggagacggg      240
cacagtcggc acaggcctgg gcgagaatcc caccgtcacc ctgactctct cagacgagga      300
ctttggcaag ctcgtctccg gcaaggcgca ggccagcgg ctcttcatgt ccggcaagct       360
caaggtcaag ggcgacgtca tgaaggccac caagatggag cccatcctga agaagcccag     420
accaagtcca agttgtaaga cgcgagaagc tcaacgcgca cccaagcgca ttatttcata     480
tggaatcttc tctcggggg gtgtacatac gacgagggga aactgctgga aacgcaacgc     540
ccccctttgac cgcaattctt gatttttttt ttttttttg ccttncttat gtatcatacc     600
```

```
aattccctgg tgctggtccc actgaagttg cgtcntgggg ttaatncccc cgcaaaaana      660
ggaggcttgg anaatgaggg ataagtggtt cgagcttact ttgccttatg aatgctggca      720
tagacganaa tcccattntt cgctnggtac gtttccanct tggctttntgg tt             772


<210> 7582
<211> 838
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(838)
<223> n = A,T,C or G

<400> 7582
atcgcatcat atcgcatcgc gtcgcatcgc atcgcatcgc acacgatcgc ccattgttat       60
cgtcgactcg ttgagcctgc ccgagttcg cgctaacgtg gggactttat tcactgcgtt      120
gggcgctttg acggcacgcg aaatcctgtc ctctctcttc atctcgtctt ctcctcgact      180
cggcgtcgcc agcatgagat ccttcgttcg gccgggcgcc ctggctgccc ttgtagctgc      240
ggcagatgtc gccgtcgcac agcagagccc gttttccatc gcatcaacca gcgacatcaa      300
aaagacagca gccaccgtcg cctgggacat gctccagtac taccacggca atgagtctgg      360
ccagacgccc ggcatcctgc ccggccctcc ccctgctggc gattactact ggtgggaggg      420
cggcgcaatg tgggggacgc tcatcgacta ctggtacctc accggcgaca ccacgtacaa      480
cgacctncca tgcangccat ccagttncag acgggcccga cgacgacttc acccgccaac      540
gtgacgctgt cctgggcaac gacgaccaag gctttngggg catgacgggc atctggccgc      600
canganaaat tncccganct ttcggccgac aagccgaatg gntggccttg cgcanggcgt      660
ttttaacacg caggccaccc ccnacgtacc angacacgtg cggggggggc tttgttggca      720
nattcttcca ccaaccngga aacantacaa naacagattg ccatggntgg tttttaaatg      780
ggcnccnctg ggttganaac cgggaaaacn aatanttgan tgggccnaaa aaatggga       838


<210> 7583
<211> 757
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 7583
aaaacatcaa acgcaatgtc tcgcatcgct gcccccgtcg ccaaactctc ccgcgcgctg       60
agctcctccg ccgccgcctc ccgcgccgcc aacccgctgc tcgtcgaagc ggccacttac      120
aacgccggcg ccgccctcat gcccaagtac gccgagctgc tgcgcaaccg gaggaccacc      180
accaccacca tcaacaccgc cgccattgag cactccgagt ccacccgctc cctcacaaca      240
acccaccgcc caaccccccca gccctccatc gccaaccgcc caagcctctc atgcagacct      300
tttccacctc atcaacctca tcagcaacaa caccctccgc ccacctcgac gccgccatcc      360
tccccagctt cgcctcctct cctcatcatc ttcatcctca tcaacattcg cagacctccc      420
ccgcatgccc ctnctccaga cagctacgca accgcgcatc ccgcccggcc gcagatcccc      480
ccttttcatcg cagctcctca tcgtcgccgt caacccgac gccgtcgtcc cgccacgccc      540
ccttctcgct cagcggcgtc tcgaaccgtc gagctcaagt tcgtcacgag ccttgagccc      600
gcaaggtcga cgaagcaggc ggngagaaca agccaagggc atgattcgcg atctgtggaa      660
ggnattggtg gangatgtct tgggcgcggg gnaaggnttt gggcaagtng anttgaagcg      720
gggggctttg ggctnaaang gggtaagggn gaatttt                            757


<210> 7584
<211> 740
<212> DNA
<213> Tricoderma reesei
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<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 7584
ccccaacagc gagcagcaac tcctcagcca cagacagcat tgcaatcctg cctgcatctt   60
acgagcgcat cgtcaccatg agcggccccg tccatgtcca gtccgacggc gagtggcagt   120
cgctgctctc caagaactcg gtcgtcgtcg cagatttcta cgccgactgg tgcggcccct   180
gcaagatgat tgctgccgca ctttgagcgc ctcgccaagg agcactcgcg cccgaacaag   240
gtcgcctttg caaaggtcaa cgtcgacaac caagccaaca ttgcccgcac gaatggcgtc   300
acggccatgc ccacgttcgt catcttccac aacggctcga ccgtccagac catccgcggc   360
gccaacccgt ccgccctgac cgaggccgtc acaaaggccg ttgccctcgc cgacggcggc   420
aaggccgaag ccgtcttcaa dacccccggc aggacgctgg gcggcgatgg ccccgtcccc   480
gctcagcgtc actggagcgt gacggtgctc ctcaacgtcc gtcatgatgc tcgtccggac   540
tctacttcac gtccttattt tcgattgatg ccgtacaagg gcgccggagc tgtccatgtt   600
caacccgaaa aagaaagcag ccattcgcgg gtgaaagccg gcagcgggntg gangaccggc   660
ccaagcgggc agtgtccgac cgnaacaaca gaggtcggct ttaaaaacta cagattggga   720
ttttttttttt ttcattgatt   740

<210> 7585
<211> 751
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

<400> 7585
nncaacgcca aacacgatng ggccgacgac nacgacatct gangagacct ccttcgagct   60
gccgcctccc cagaccatct ctaacaagga tggcaccaag acgatcatca cataccgata   120
caacgaccag ggccagaagg tcaagacgac tcgccgggtc cgnacataac ccaaaccgaa   180
cagtcaaccc ccgcgtcgcc gcccggaaaa cgtggcccaa gttcggctga gcgcaaagga   240
ccccccgggc cntgcccccg acaccacctc cgtcggcgag aacatnatct tccgcccagc   300
gtctcgtngg cgcaaggatg ccaaggagga ngggcgccga cgccaacgct naggccatga   360
aggacaagct caangacaag aangtnaagt gccgtatntg caacggcgag cactttacag   420
ccagatgtcc ttacaaggac accatggccc ttgttggana gacnaccgcc gccgaggcgc   480
ccgttggtct gnagacnatc tcggtgccgt tgttgcgctt gncggggntg gcaanaangg   540
ttcctacgtg ccgcttgttt tggtggcgac cgcggaaccg gaaacccatg ggtcggatca   600
aataccggga aaagggacnn ttttggacac tgcgtgtacc aacgtttana aatggcggaa   660
aacaaaactt gcncaanttg ttcnacgttt tggncgtgtt accananttt tcttcgccaa   720
ngaccggnaa ccggattggc annggggtttt c   751

<210> 7586
<211> 404
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 7586
tttggccgcc gaacgctcta tgttgtgggg caaggtatct tatgctccac tctccttatc   60
attgggattg tcaactctgc gacatctgcc aaggatgcca tatgggcaga agcagcgtta   120
tgcatcttct ggctcctagt ctatgctctt acagttggcc ctatcacgta ttctatcgtg   180
tccgagacat cgtccatccg tctgcgccca gagaccgttt cgctggcccg ggcggcctat   240

- 2705 -

```
cagattatca acgttgcatc caggtccttg agcccgtact ttatgaaccc cgaccgcttg      300
gaaacgcgtc tggaaagaac ngggttcttn tggggcggna ccgctctgaa catgttattt      360
gggcctattt tcgacttccg aaaccaaagg acaacgttga aaag                       404


<210> 7587
<211> 619
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G


<400> 7587
caccaccaaa ccancaaaca tcttccccat gatctcatca tacagaaccc accactgggc       60
gatataaaaa gactgccgaa ttggcttcct ctcggcaac atgcctctc agcagtact         120
ggccgacgnc ctgctcggct tcngcgcagt gacgcccgtc cacgcccagg gccgaggcga       180
ctggcaggct acgctgcccg actactacgc cgacatctgc cccgactatg cgctctactc       240
aacctatccg catcgtccct acagctcggg cccgcacgcc ctgccctacc agcggccgaa       300
cccgcggtgt cgcacgttcc agtcggacga gatcgagagg gtcattgagg aggtgacgtc       360
naggataaag gaccncgacc tggcgcggct cttcgagaat gcgttcccct ccacgacgga       420
cacgacggtc aagttccaca caaagggcgg caaggacgcg ggctttgtcc ccgtccaggg       480
gcctncgntg gaggacggtc gtgngaaggg ccgcagtcgt tcatcatncg gnggacattg       540
gtgcggagtg gctgcgggac tcgacgaaca ctgcggncgt ccangcnctg ccaaaangac       600
cggncatttt gactgattg                                                    619


<210> 7588
<211> 369
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(369)
<223> n = A,T,C or G


<400> 7588
ccgacgccct cgcgcaggcc ctccgcgcct acgtgatcca gagccaaaac gccggcatcg       60
agcggcacgg cgtcttcaag gtggccgtct cgggcggctc gctgcccaag acgctggcgc      120
aggccctgct ggcgccctcg tcgggcccgg gcgacgtcgt cgacttcacc aagtgggaaa      180
tcttcttcgc cgacgagcgc gccgtgccgc tggaccacga agactccaac tacgccctcg      240
tcaaagaagg agctgctcga caaagctgnc cgccgaccag cagccgccng ncgtgcacgc      300
catcgacaac ggnccacctn gatgacgtcc aggaaccttc gccgaccang tncgagcaaa      360
acgcttcgt                                                              369


<210> 7589
<211> 914
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(914)
<223> n = A,T,C or G


<400> 7589
ctncatgnca ataccattct ttaaccaacc tncgcatcta taatcctaat caagctccct       60
cgagtttaat tcctaatccg acaaaatgaa gttcaccgtc gctgtcgctc tcgccgccgc      120
tggcgtctct gccgtctacg tccctcctag caacgttacc gtcgttaccg aggtcgtcga      180
```

- 2706 -

```
tgtctacacc acctactgcc ccttcgccac gcagatcacc cacggctcca agacctacac      240
cgtcactgag cccaccactc tgaccatctc tgactgcccc tgcaccatca cccgcccggt      300
caccgtcacc agcagcgttg cctgctacac ctgcggtgct gctgctccta ctggtgctgt      360
ccccttccgg caacggcggn gctcccccgg gctttaacaa actccaccaa tnaccacttc      420
ccaccccagg gcttcctcct ggccgggtgg gcaaaccctt tcccgccaag cacttggtgg      480
gtgggtggtc ccntaaccgg gttcctttcc cggccggtcc ccccacntgg gcggggnggc      540
ccagcaaggc cgtcttttcg ngccggtttg gccngtatcg tcggctggcc gtttcgtcct      600
gnaaatcntg naaatttcga cacctcgnca atataccggc tacgaatttc ttggttcaac      660
gaattctggg aagtcgnggg ttcggnctnc gttcatgaat ctgatataag ggggaaaaac      720
caagtggtng ggatttaatc taatttttng gttacgtcga acgggatggg gggaaacgat      780
atttaatttt ttnggatgta tanaanaatg ggttttttg ggttaacngg acaatgcaan      840
nctcggggtt naagggaact tgaattttt ttttgaacnc cccaagggaa anaagnccaa      900
aaatttgctt ttgg                                                      914


<210> 7590
<211> 294
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G


<400> 7590
tgaacgtctc gctcgtcgag gccggcaagc ccaccgctga gcacctcaag gctcaccctc       60
tgggcaagtt ccctgccttc cttggcgagg acggctttgc tctgagcgag agcattgcta      120
ttgccatcta cgtcacctcc cagaacgaga agaccaccct tctcggcaag gaccaagcag      180
gactacgctt ccatcctgcg atggatgtcc ttcttcaant ncgagatcgc cccccaggtc      240
ggcacctgga tcaaagntcc tgaccggtgc cctttcctac antaanaagg ctgt           294


<210> 7591
<211> 279
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(279)
<223> n = A,T,C or G


<400> 7591
gcatcaggtc cccatcaccg acccttccac aaaccccgag cacctcaaac tcctcgagaa       60
ctggatgcgc agctacgagc ccgacaggct ctttgacgag agcggaaagc ccattgcctc      120
cttgacctcg ctgcccccga caggcaaccg ccgcatgagt gccaatcccg tcnccaacgg      180
cggtatcctc agaaagcccc tggnngatgc ccgacttcaa agaagtaccg gtgttgcccg      240
ttnaagcacc cttggcgctt ggtcatggga ttgcttagc                            279


<210> 7592
<211> 297
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G


<400> 7592
ncgtcgttgg tctggcccgt tacaagtcca ccnttttgcn aagcggcttc gttttttggcg       60
```

```
ccctgntgng ctttaagcac atntaccttt atntgncgcc gggctacttt tgttttcttt    120
tganggcgtc tggctgtcng gnaaacggtt ttccgnatna agcttttnan tgggttaant    180
tcgacttcgg cttggcggnn ttttgccgtg gctttgcncc tttggcttga tggggnaaaa    240
atccccaact tgttaanccg gttntttcct ttttcccccg ggttgggnta tgcttct       297


<210> 7593
<211> 503
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(503)
<223> n = A,T,C or G

<400> 7593
acctacgaac ccgaattcga gcatcatagc aatgcagagg cggtggatga cgccggcgcc     60
gaaaccaggc gatgggccgc tcatytcgag gcgagctgat cgcgagcttc ccgacgtcgg    120
ccaagtctcc cacggctggc gccgcaccct gcccatcttc ctcatcgtcg tcgccgctgc    180
tccgtcacaa tcttcaacta ccaaaagtcc tcgtcgccca tcatatcgtc gacgctctac    240
gcgctgcgca ccaaccccga ggccaaccgg ttgntcggcg gcgagatcta cttcaagcac    300
cagatcccct ggatctcggg cgagatgaac cangtcaagg gcccgcatcg acgtgagctt    360
cgccgtgcgc gggaaaaanc ctcnggcgtg atgcngttcg cgagccatcg gccgtcgccc    420
aacgcctttt cgaaacacng tctggagctt gacgatggat gacnggacng tggtggatct    480
gctggatngc ngggatccgt tta                                           503


<210> 7594
<211> 718
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(718)
<223> n = A,T,C or G

<400> 7594
caaggaaata ttaaagggtc cttcaaattc ggcaaaatgg cgcagaaact cacgttgcag     60
tcgacgatta agctcaactc gggctaccat atgcccctgc tcggctttgg agtctaccaa    120
acctccgcct ctgtggctac cgacgtctgc aaagaagccc tgaaaatcgg ctacagacac    180
atcgactccg ctnaacatac cggaaccaaa gnccctccgc aacaagcatt ggccgncgcc    240
ggattccccg cttccgaaat cttntttaac caccaagggt cccgtccgga aaaagccctt    300
cggtaccaaa aacacgctcg aacctcgtcg acattgccct gcaggagacg cagctggccg    360
tacctcgacc tcgtcctcat ccactcaccc tacggncgga tccgagaacc qcaagggcgc    420
gtggaaggcc ctcgtcgagt ctgtcgangg ccggcaaggt gcgctccatt ggcgtctcca    480
actacggcgt gcaccacctt gacgaagctc gaggcataca tcaaggagct caggccgagc    540
gcggnggcga agnttggcaa gggcgggatt ctgtccgtcg gccagtggga gattacccct    600
ggctgccgcg cgacgacatc gtgcagtggt gtcgcgcgcg taacgtcgct tgttangcgt    660
artgtcctat tgtgcgcngc gaagcgcttt ggcgatccaa ggtgggcgcc gtggcgaa     718


<210> 7595
<211> 526
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G
```

<400> 7595
atcagtcctc gaaatgggct ccacggcttt tcccccgccg ccggtcaaca ccattgactg   60
gtccaacgtc ggcttccgcg tccgcgaagt caacggccac atcgaatcga cctactccct   120
caagacgggc acatggacgc cgctcaagtt cgtcgcggac ccgtacatgc gcatccacgg   180
catggccccg gcgctcaact acggccagca ggcctacgaa gggctcaagg ccttccgcat   240
gcccggcgac gccttcatcg catcttccgc ccgaccgcaa cgccgtccgc atgcagcact   300
cggccgaggt cgctgatgcg ccgtccccgt cacctttctg aggccggaaa gccgcgtcgc   360
ctaacgcggt acgtccccc acagacggcg ccgcatgnca tccggcgana ttacggtcna   420
gcgccacttg ggctgtcggg cccagagaac tttgcgtttg gatccacggc gtttacggtc   480
gacccgtaag cgtttgtgaa attgacgncg ccacgacgag agnaag   526

<210> 7596
<211> 1024
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1024)
<223> n = A,T,C or G

<400> 7596
ctccctaccc tcacgccagg ctataacgct cctttccagc tttttgccc gccagtcatt   60
cctttgtctt cttacgacaa cccacactct ttattttaa aaaaccttct tcattccttc   120
tttctccttt caaaaaaccc caagcaacta aaaataaaca aacaaacaaa ccaaaccgtc   180
aagatgaagt tcactctgtc cgcctctgcc ttcctggccc tcgtcgcctc ggccctcgcc   240
cagaccgccg actttgactc catcaccaac cctaccccca acgagatcct cactgccggc   300
caggccctga ccatcgagtg ggatgctccc gcaagtacgc cgccggcacc gtctccatcg   360
agctgatcgg cggccctacc caggccaccc agcaggtcct ggctaccatt gccaccggtg   420
tcaagaacag cgccaagacc ttcacctgga acgttgactc tgccgttgcc ggccagaact   480
tctacggctt catcttccgg ctcgagagcg acccctccgt cttcagtact ccaacccctt   540
tcacatcaag gcggntgagg tccacagcaa gcagcagctc ctctactccc gctgctcccg   600
ccacacctcg tcctctggca gctacggcaa cctccttccg gcggacacca ccaccaccgt   660
accaccttcg ccggtgtcaa gacggtcact ctggcaccca gtccactacc gaggcttccg   720
tcgtcacacg cccgtctact ttcttcggcc gttactgatg taccggtgtc ctgaacgcca   780
ccaccaccgg tcccttgccg aactcacatt ggtctccant tttaagcggc gccaagactt   840
ttcaaagcgt taccggctgg ctctcttctn caagtttccg gtacgtcttc cggcagccct   900
gacaagacgg tgggtgttct ttgctcaacc tgcatantgg tcgcccttgc cacaangtgg   960
gttgcgttgg cgagtctggc tggtgctttg ggtgtantgt tgaacggcaa ataaaactga 1020
ngta   1024

<210> 7597
<211> 886
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(886)
<223> n = A,T,C or G

<400> 7597
cgagccgact ccaacccgc ccaagacaaa cggcaacgct cccgcgacag cctcggcctc   50
ggccatgca gacgaacaca cttctctcct caaccgacca gaccatcatg gccgacgcgg   120
ttcggactgg tccggcttct cgccggcagt gccgcatctc ctcgagccac cggctactcc   180
acaaccgcg ccgacggcat tccagnctgt catgtggaac tcggttgtca tcctcatggt   240
gtgcggcgct ggagttgctg gctggttcct tggcgaaagg gcatncactg gcgagaggcc   300
gccttcgaac gatgataact cccttgagtt caacacattg ggtcagatct ttgggtacat   360
ctgcgcggtg ctctacattg cgtctcgaat gccgaactca tcctcaactg gaggcgcaag   420
acaactgaag gactgagcat gctcttcttc ttatttgcct gctcggaaac acaatgtacg   480

```
ttctgtcatt gncgtgtacg aaccacgctg cggggaaaaa gcatgcgacc aacaaaagca      540
aggnggngtt accgnagata tatccttgta aatntaactg gctggctggc agcgccatta      600
cccttctgat ggatctctgc gtctttggcc agtactttat tgtacaggac ggaaggngaa      660
accaaacaaa acttccgccg aggacnaaat tancgccatt gacnacccttt gggataaaaa     720
acactgnttg atcaaaaatg aaagnttgct tccactatnt accanacaat ttnacccttt      780
cccctTccgg tntncgtttg gtactttggg tncttttggt tggnggtttt ctttggcnaa      840
natttTngga aattgacttc aatgggnaat cnttTTTTTT tgtgtt                     886
```

<210> 7598
<211> 404
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 7598
```
nntcacaagn accgncgatt cgcacgnggc tcagcgccgc atgaaggtcg acttcgtcga       60
tgtcgagtat ggcgaggaca accttcccct ctccgcagag gctgcctctc agaccgttgc      120
cctcaagaag gacggcgagc tcctcgcccc ctccagcgcc ctgggtgccc ccgacaagtc      180
tctcctgcac cgctctcagt cgcgtgcttt catgaccgac gatggcatgc ccatgcccac      240
tgagttcttc ctctcttTct gaccctgctg cntcgntgag cacaccaaga aaggttctgt      300
acctcgagga tgacgacatt gcttcacatc cacgagggct tccctaacat tccaccgcct      360
tgaagaaagg cttgatgggc agcttccaac cgtncgnggc ccat                      404
```

<210> 7599
<211> 706
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(706)
<223> n = A,T,C or G

<400> 7599
```
cttctctccc tcttccttct cgtctttcgt ctcattgtcg tctcttgcct gctatacccä       60
aacttcctct ctcgtagagc gtaacggaag acaaacaggc aatcccgtgt ttatctgtct      120
ctcctcctca caatgggcgc gcacaccgac agcggcgctg ccatctatga tgcggcgttg      180
catcgtcgcc aggccctcat gggcgccagt ggagctcgcg ctctggtcaa gaactttcga      240
gtcttcagcc tggctgcctt tgcctgtatc ggcggtgtct tgtatggtta caatcagggc      300
atgttctctg gcgttctcgc catgccctct ttcaagcagc acatgggaga atacgatcct      360
ttcgacccca acgccagcca naccaagaag ggttggttga cggccattct cgagctcggt      420
gcctggtttg gaactctgtt ttctggcttc atggccgaga cgatctctcg caaatacgga      480
atcattgttg cctgctgcat ctttatcatt ggnggttgtt ggtcangctt tggtgccatt      540
tgatgctggt ccgaatgcca ttctttggan gcccgattcg tcacnggtat gggaagttcg      600
gcaancttat ccatganttg ggcccattta caactccgan gtggcccctt cctgaggttc      660
gangngctct cgntgccctt naagaaattt ggcaatctgc tttcgg                    706
```

<210> 7600
<211> 408
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 7600

```
cattgtcgag aagctgcaca aggccggcat cctgtacatg aacatgattg gccacgtcaa      60
gcacgtccag aagtgcatcg acgtcggcgt cgacatcatc tgcgcccagg gcggngaggg     120
cggcggccac acgggcgaca tccccacgac ggtcctcatc cccgncgtcg tcgagatctg     180
cagcaagcac aagtcgnccc tgaccggcgg gcccgtcnag gtcattgncg ccggcggcat     240
tcacaacggc cagcttgctg gctgccgcgc tcatgatggg cgcnaagcgc cgtctgggtc     300
ggcacccgct tcatcttgac ggacgaggcc ggcgccccca agttngcaca angaaggncg     360
tncgcaccgc cggncacgat gacaanattc gacnattatn ttcccggc                 408
```

<210> 7601
<211> 796
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(796)
<223> n = A,T,C or G

<400> 7601

```
cgcactttgt cgaggaattt ctggacagcg cccgccccaa gttcagttct ggcgtcaaga      60
ccattgttcg agataccacg gctctttca acgtagcgcc cgcccgcctc acgattacga      120
gaatcgcccc cgacctcgca ggactggatc ctaagcacta ctcgctcacc attgagggaa     180
cgcagtctct gcagtcggct ctcgacgaga gggccaccgg caaagagagc ttttcgggcc     240
gcttcccaag tctattaaga ccaagacttt tgaatacggc gcaccgctcc gagtcaagtg     300
gcgagccccc gcaaaccaca gcaaggaaga ctggattggc ctgtacatgg tcacggacaa     360
tcgctctcga aaacgacgg aagtctcctc tctcggtaga tggacgccca catgcactgg     420
cgcctacgat gcctcgacag cggagactag cattactgtt ccggaacatc cagtgcccaa     480
ggccgatcct tcagaccctg acatggtgga gggcgaggtt gttttccagg agacaagct     540
gtggtggacg caaggtgtct ttgagttcag atatcaccat gatggacgcc cactgtcatg     600
agcatttcgg acccgtttga gattcgcatc acaagtttac ccgaanatga cgttgatgct     660
tgatgtccct accaanggcc ggcttgccaa aggntgtcga atcggnttnt gctacccatt     720
gnccaaaact gnttggaccc cgacgatga cattggncca gcactggggg atgaatcttt     780
tggnaccccc ggtgga                                                     796
```

<210> 7602
<211> 953
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(953)
<223> n = A,T,C or G

<400> 7602

```
cactcgctcg cttctacagt ccagctacac tcgttgtcag caaacacaat ccccccccaa      60
aacaccaaaa aaacaaaaat caccaccttc tataatccaa tccacccct ctcttaatac     120
cgccaagatg aagaccgcct ttgttgccct tgccctcgcc gctctggctc aggcccagac     180
ctggtcgat atccctcgt gcgtctgcc ctgcctcgac gacgcgtca aggccaacac     210
caagtgctcg accaccgact acgcctgcat ctgcaagaac ttcgacgctg tccagggcgc     300
tgccaccggc tgtgtcatct ccaagtgcgg cactgacgtc gccatcaaca aggtcctgcc     350
cgcacccagg ctctctgcgc tgccaactct ggcggctccg gctcttctgg ctcttcctct     420
gctgccgccg gaccaccggc gccagcagac cacctctgcc gntcaggaga ccaccactgg     480
tgccagacca ccgttgccca gaccactgtt gtcagctccg tcgtcagctt tctcccgtcc     540
agacatacca ccaccacccc cgctggcccg ttggctctgg tactggcgtt gcccccctcc     600
cgctggcaac cgnaccacca ccggngnttc cactggtncc accaacgccg gntctgtttnt     650
cntgcccggc ttgcatgctc gttntcgggn ccttgccntg taaggggactt ttcaatcttg     720
ctatttgacg agtacggagc gaaacggcgt anttgagaga gagagagaga gagaaagatg     780
```

```
gcaatacccg gaggaatatt acttgntgga aggntantgg aatgatgaat gagctggacc        840
ccggccaact ttgggtggga tttggatctg gcctttcgag ggactgtaat acccaaaata        900
tattaccaga ttactggctt aatgctaatg tcttcggacg cttttacgat tta              953


<210> 7603
<211> 605
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 7603
cgttaccgat gaggtgtcca aggtgcgcga ggagctcaag ctgggcgatg tgtacggctg         60
cgcgccccag acgtggtgca tctcgtgcgt gcccttcaac gactgagca acatctttcc        120
cggcgtcgtc ttgcccgccg tctctgccat tgttgtcaac aagacgcgcg aggataagtc        180
gcgcctcatt atcggcaaca cggggcgat ccgcttcgac ctgcaccagg ggccgtttac        240
gtatgatgac aacttcatcg tgtccgcttt ccgggatgcc tttctgtaca ttcccgatgt        300
gcccgatgag ctagccaaga ctgtcctgca aagctcaaca gtggtcccat tgcaaagcgt        360
gacttggcca caatgcccgt ccttgcgact ngtgcaccga tccacttggg gctactgacc        420
gtcgcgagaa tgcccaaaac cacggcgtcg tncgccgcaa gaaattgtna cttcnggcta        480
tgttacgacc cgntgacttt ggcaancgat ggaaaccaac acggngcaaa caaggcattt        540
ganaactanc ttttgccggg cttactttta aggncgaggt aactttgccg aagggaacca        600
ccccc                                                                    605


<210> 7604
<211> 584
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 7604
cctacaccgc cggcacgccg ccctcgggcg ccctcgaggg ctccaagtcg ggcggcgcca         60
tcaccgaagg gcggcggaaa aggacaaaaa aacccgcccn aaagcccacc ngtcaaagaa        120
aaaagaacgc ccccccggc caagtcgggc caggtgttcc aagaangggc gacgacaagg        180
acaagcaaca agcctaccgg acaacgcaaa agtactggct aaccgaagcg cagcgtcggc        240
gagttctcgc ggacgtttag cttccccacg cgcgttgacc aggacaaggt gtcggccaac        300
ttcaaggacg gcatcttcaa cattacgatt cccaaggncc gccaagcatg agcccaagaa        360
gattgccgtc aactaaaggg gattttggtc gacgatgggg gaatggatgg atgggaattg        420
tgatgaattt ttgcatgaat catgatgggt tgttgggaat ttgttcacgc tcctttttct        480
ttctcttgat gcatcgggta tgggtggttt tggcatgtat gcatgggaat catgatacga        540
gttacagcct ttttggtgtc tcttaacgcc atcgatacct tacc                        584


<210> 7605
<211> 1007
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1007)
<223> n = A,T,C or G

<400> 7605
```

```
cattctgtcg ccgatcagcc aagcacagtc gctcgttcac tcgtttacaa gtccgagtac       60
ataccaatac aagtccaact ctatacacac agttatacaa ctgccccaac tatcaaccgg      120
aacaccagtc gccagcataa ctcgttcgct tctcgactca accatggctc gctcgctcgc      180
tcttctcgcc tttttccagcg ccgtcctggc tgctcaaacc accaccgtca agcttctgct     240
gccctttgcc gatccccagc ctctcgttgc ctccgtcgtc gccgcggaca gctcggccac      300
gacctatgcc gtaggatgcc cgccaggcac cgattccgat gagtgtggct tcgcggagag      360
ccaaaccatc actcagggcc catctaccta tgccttcacg atggcttact ctggagatga      420
aggatcttac accgagattg cccattgcaa gctctccagc gcagtcgacg tcgcctcttg      480
cagcgcctcc gtctcccagg acgacggcaa cggcaacacc atggccaccg ccagcgtcgg      540
caccgtcacc ttctggacct gcagctgccc gtcaccgtca ccgccggnct cgacaagctc      600
aggccgttcc cggcgccacg gcaccgattc ttcggttcca accggcaccg gaccggaccg      660
gttcttccgn agntttttag acgactgctg cttccggagc tgcgcccacg acgctcgtca      720
ggcagacaac caccaccggc acccagaccg gactacacgg gcactcagac cacctcgtcg      780
actgccgggc ccacgacgac caacgctgcc ggagtcctga acgctcgcaa cggactgttg      840
gtcggtgttg ctgcattatc ggcagcgcca tgatgctgta aatggaacng ataaagacat      900
gtctatgatg ggttangaac aagcgttgag atttctttga gcaacgcgtt gnggatcaat      960
tttgaatagg gcttgaacaa angcntcaga tgtcctggaa aaaaaac                   1007

<210> 7606
<211> 102
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 7606
ngnatggtcn tngttgtttt ctgtgtgaaa ttgttatccg ctcacaattc cacacancat       50
acgagccgta ancataaatc ttttttttctt tttgggccaa cc                         102

<210> 7607
<211> 380
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 7607
attcggctgc gcctacagct actcgtccaa ctactcctac agctgctact ccaccaccag        60
cccaacaacc ggcaagatgg ctctcttggg cggacacgag aagaagcaca aggtcaccat       120
tgtgggatct ggcaactggg gctctaccat tgccaagatc attgctgaaa acacgcgagc       180
caacaaggag ctctttgaag aggaggtgca gatgtgggtg tacgaggaag acgtcagcat       240
ccncaagacg tcaccggact acgacgaggc cgtcggcgac gcttcccaga agctcacccat      300
catcatcaac aaatncnacg aaaaacgnta agtcctggcc gggcattgnn ctggccagca       360
acatcggtcg nccaacccct                                                   380

<210> 7608
<211> 648
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(648)
<223> n = A,T,C or G
```

- 2713 -

<400> 7608

```
ataccccacc caccaactca gatcccttca ggtcaatccg actcgagctt cccacaccca    60
ccaaccaatc catcgacgtc accaagcatc aaggcaccat cacgagaagc ctcacaaaaa   120
aaaaccacac caaccacaca tccacacaac ccgaacccga acctctctca accccaatca   180
accccaaaca aacaacaaca aaaacaacaa catcatcatc aacatcaaac aatgtcaaca   240
cccctcttcg gcatcgtccc cgcggccacc ccctcataca gccccaacct cctccccatc   300
ccccacatcc ttcctctacg ccctccccac gaacaagccc ttctccacat cgtcgtcttc   360
tcctcccggc atcgcctccc gacaactccg ccgccgcgat atacctacca ccgcccgcga   420
ggccgccgca gccccgccca acttccgctt ctcggcgcat cggcccggaa ggagagcgcc   480
atgttaaggt cgccgccggc ccggctccga gacgtaccag atgcgagcag tagccacaac   540
agcagcagca gtgacggggg ctcatgattg gnatnttcgt cgagcccgcg acgccgtggc   600
ccgngctaca agaattggcg caacaagcga acaacacaac aagtttct              648
```

<210> 7609
<211> 757
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 7609

```
nncattcact ctttctttga ccaatctata ctttgttctt caagaacctt tccaaaaaca    60
accaaaaaga caatcaagat gcgtttcacc gtcgccgctg ctgtcctggc cacctcggtc   120
ctcgcccagg agcccatctc caccgactac accaccgagt tggtcaccat cacggcctgc   180
cctgagaccg tcaccaactg cccaggcccgc agcagaccac ctccgtggca ccaacaccat   240
cccccctgacg acctcgaccg tctacgccac ctcggtccac accgtcgtct cctgcggccc   300
tgaggtcacc aactgcccgg ctcacagcac cgtcctgtcc accgagactg ttgctgtctc   360
accaccatct gcccggtcga gggcacccag accgncgtcc cgtgcctacc acccaagcct   420
ggtccaacag caccggcgtn taccccaccg gcctgttgg cggngagagc tctgttccgt   480
ntncgtcccg tctacaagca ttcccggcgn gtcttttttt ccgtntacac tggtccggnt   540
ntccgtancc cgtaacagcg gttgtggtct accggcttgt ccgtagtttt gtgcccgttg   600
cccggagttc gtcgtgctgg dacaanacta acacggctta cttggtgata caaantgtgc   660
gtccttgggt acggccgtgg ngggttccgg ccttggaccg ggcgttntcc anccacggct   720
tgcggnanga acatgngttt tctcgtaggg ggttgtt                          757
```

<210> 7610
<211> 475
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 7610

```
tngtaacgaa acnaacaaat cagaaaaccc accgcccaac aaccttcagc ccccctcaaaa    60
acggccacaa tgcccgtcat cgacatcaag tccaagcccg aattcgacgc cctcacccaa   120
acaacgccct acgtcgccct ccaagcccac gcaacctggt gcggcccctg caaggccatc   180
tccccgctct tcacaaagca cgccgacgcc ctcgccgtcc ccgaaaagtt cgtcttcgcc   240
cgcttcgaca ccgacgaggt ccccgacctc gccatggagc tcggcatccg cagcatcccc   300
gccttttacg tctttgaaaa cggcgaagaa agagcgagac ctcaccggcg ccaacccgcc   360
tgccctgcag aaacttggct gaggctactg ctgaaaagnc aagacggcct aagtttctac   420
acgccaaacn gggacgaaga cgaacaatan ggtaaagtcg gttgagaagg aggga        475
```

<210> 7611

<211> 267
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 7611
nttccttctt tccttccttc cttccttntt tncttccttc cttccttcct tcnttccttc   60
tttccttctt gnnttccttc cttccttctt tctttcttgc tttctttctt tcntgctttc   120
tttcntgctt tctttaaaaa caaaggatan nggggctagg gnaaacccng attgaactgg   180
aaaaggttcg gcgntccgca tcttttttgaa ccagaatacc tttcaccctt tggccttata   240
attcctggaa ttccttcntt tnacctc   267

<210> 7612
<211> 789
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

<400> 7612
tcgcgcattc agtcgccaac cgctcattcg gcctcggacc tcgtgccaaa ccatacagtc   60
gaagacgatt gcccactcct ttggatatac acatagacca gcatcgtttc atcttcaaac   120
agcacaacca ccgccaagat gaagttctct accacctccg tcctgctcgc cgccgcctgg   180
gcgtctctgc ccaccccagc ggccacgccc acaagcgcgc cacaactct gccgttgagg   240
ctcgcggcga cttcgtcatg gccaacaagc ccgccgaggc tgctcccacc accaccagcg   300
ccgcccggcc gctntaccac cgccgntgcg gccccagctc tcggccccgc gaccgtcaag   360
cccttctgcg gcggcaacaa gcaagcgcgc cacggccgcc gagatcgcta caanggcaac   420
gtcggcgccg gcggttctac ngntgcaaca tcatgaccgt cgacgagagc tggtcgacga   480
gtacaataca ccatggtttt gagaacgccn gcgacacacg acctgctttg ntggaacaag   540
atcggcccga cggcggatna acggtttttn aaggcaacca ggccattacc ttcacgtcgc   600
ccccggngga agcangtcgt cgccgtcaca ccaactccaa gtnggttgng ctgcgggctg   660
nggncctgac ttgaccccat tcggcaattc gcttcacttg ggtcgaggcc ganttgnaac   720
tgtcaacgng gnggtccggg cccatgcttn tcttggtcgc gccgttgcgg atgacatccc   780
cggcttcng   789

<210> 7613
<211> 728
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

<400> 7613
tcacccctcc ttttttttc ctccttctcc aacttccttt ccacaccgna gaccgccgt   60
cttttttcgt cgacgaccaa atcgcaatca tgtctcaatc aggyagccaag gtttcccccc   120
aggtctcgga gggagttcca gaagctcaag cgaagcancg acaagaaccg agtcctgag   180
atacatcatc ttcaagctga ccgacgaact actccaagat ccgaggtacg agcacgctga   240
gcccgacagc gactgggaga acttccgcga gaagctcctc agcgccacct ccaagagcaa   300
gactggtgct gttggcaagg gtccccgct acgccgtcta cgacttcggc ttcaagtttg   360
acggncgaga catcaacaag atcatcctca ttgcctggtc tcccgatgat gccggtgtcc   420

```
accccaagat gatctacgcc gccttcaagg aggctntnaa gcgatccctg gaaggattcg    480
ctacgagatc caggccaacg actctgacga cctcgagcac tnttctatcc ttcagcggcc    540
gtcctcgcca agaagaacgc ataagcgaca cctggactta cgacgatctg atgcagtgat    600
gcaaggggat gcgagggaca gctnccaacc gggaagnaaa agaagggagg cctggccgng    660
ngtctttggt taaaaatggg cgtgctggat cgagggggc tntgcttttt ccgtgggtag     720
gcatgggt                                                             728
```

<210> 7614
<211> 473
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 7614
```
ccgcgtcgcc tccacgtcga cgcaccccgt cccttacctc ggccccgtgg gcggcagagc     60
ccccgagcac acgcacctcg cccagctgac cgacgcccag ctcctgcaga cgtggatgtc    120
caagccccgc gtcagcgagt tctggggcga gtacaagccg ggcttnctcg agggcgtcct    180
gcggcagcgg cactcgttcc cggccattgc gctgtggaac ggcatcccct ttggctacgt    240
cgagatctac tgggtcaagg aggacatnct gggccggcnc ctggccaacg gcgcggggga    300
ctttgatcgc ggcttgcatg tctttgttng gngaggaatg ggcgaggggc aagggtgcct    360
tgtgtggttg acnagctttg gtgcagtggt ggcttttctt gaaacgataa ttcggaccat    420
gaaccgtttg gcttggaanc ccgaggggtt gataatangc gcatgtttgc ggt          473
```

<210> 7615
<211> 735
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 7615
```
agacgcccac accgtcttcc tcgtcaccaa cttctgggag agcatgtccg ccgccaccga     60
gatctcgcag ggcaaggccg tcgtcgacgc cagcaaggcc gccggcgtcg agcacatcat    120
cttctcgtcc ctcatcgacg ccacaaaggc cagcggcggc cggctgccca acatctcgca    180
ctttgacggc aaggcccgca tcgaggagta cattcgggcc accagcggcg tcaagggcac    240
gtttgtcctg ccgggcatgt tcatgagcgg cttcacgacc atgattcgcc cgaatccgcc    300
gtcggagccg gctgggtata cgctggcttt gccggtcgac ccggataagg cggaggcgcc    360
gttgtttgct gccgctgagg atatgggcaa atttgtcaag gctgctatta aaaacttccc    420
gttgcaagac cgggaaccgc atcctcgcgg cgacagacta ctacaccatt caccggctca    480
tctcggagtt tgccgaggtc atgggcaagc ctgcgcacgc cgtgcagatc cagacgacaa    540
gttcaagtcg ttcctgtcgc ccggcggaag cgcaaganct gctgganaac atgaagttgt    600
ggaaggncca nggtattatg ctggcgagag tcttggggg ctaattttgg cgttggtgga    660
aaaanaance cacgacttgg aaggagtttg tnaanaaaac attaaagaag aagtggnttt    720
tacttttacc cttga                                                     735
```

<210> 7616
<211> 720
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(720)

- 2716 -

<400> 7616
tgtttgaatc acgatactca catgacacgc tactagtatc agccgctcaa ctccctccag   60
cccaccctca tcgcaacacc accacctccc atcaagcatc atcatcatca ccaacccccc   120
aaaccaacac atcccctccc ctccaagccc cgctacccac ctcacccgca agaatgaccg   180
acggcccaat ccgcctccgc gaaaccttcg cctcgacgcc cgtctccgcc cacaacgacg   240
cctgggacgc cctctacgca gagtccttcc acccctggga ccgcgccgga ccctcctcgc   300
ctcgcgacct gctcgcccag cgaacggacc tcatcccgcc tccgtcgaag cgccgcgact   360
cctctcctct tctccggcac ggcctcatcg cccgccgctg gcctggttcg ggctgcggct   420
cggcacgacn tctgctgctg atgcctgggg tacacgtngt cggctggatn acagcgcccg   480
ggcgttgagc tgcgcgcgag aacaaggnca angcggatgc cgaggggggcg atatgccgan   540
tatgttaggg gccggcgttg gcaagtggcc gggtgnnttt gggttttcgg cgaatttttt   600
nggacttgct tggggaagcc gacgcgggcg naacaagttt gacttggata ttcgnanaca   660
cgggggngcc accgaacgaa aanggaaaaa gngangggaaa anaggcttta aacaagatga   720

<210> 7617
<211> 771
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G

<400> 7617
gcggaatact acaaggctgc tcagtccgac ctcgaggcgc cgccggagat gaagccctgg   60
gagcggattc tgccgtctgc caccgtggtg gccctggtgc tgggcttnat cgccgccgtc   120
gccatggtct acgaggagcc ggcgccgcgg tacaggctgt tccgggaggt gtngacgtcg   180
cacgctaccg tgggagccct catcgccatc aatgccctgg tatatctggg ctggaggata   240
ccgccgctgt ggtctctctt caaccgctac atgatctttg tcgtggccac tgtcgaccca   300
ttacgctgtt caccgcggcg ttttcgcata ccaagcttag ccacctgttg gtcaacatgg   360
tgcccctttg gttcgtcgga acgtgcctgc acgacgagat tggacgcgcg gacttcctcg   420
ccctctatct cggatgcggg tcggtgggct tcctcggcag cttgatcacg tacacgctca   480
ggggctggct gacggtaacg tctntnggcg cgtcggcgca acgctggggc tgtgcttngg   540
ctacttttgg aacatcgacc ggatgggttc aaganctttg ggcttgccca aggatggtgt   600
ccacggnatt gtntttntgg cgcttaatcg cggcggngca agttgaancc ggcttgggga   660
anacgggaaa cntaaaggng gacattgntt tccatatcgc cggtatgatt gntgggtatt   720
tttgggatt gacttcttga ataggaaaaa aaggaagaan accccnccgg a   771

<210> 7618
<211> 896
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(896)
<223> n = A,T,C or G

<400> 7618
gcctcgaaga agctcccgcg gacgacggca ccgacaatca cctccacaaa gggccgcgcg   50
gttcccttac tcggcgagat tcctctacgt cttctcacgc cgatatccag tcgatccagg   120
aggagccga gatcaaggga aagattgtac tgctgatgcg cggaggctgc gggttcttgg   190
acaaggtcat gtgggcacag cgaaggggtg cgattggcgt tattgttggc gacaacatca   240
agggaggccc gctcatccag atgtttgctc acggcgacga ggtcgacgat gtgacgatcc   300
cctccgtctt cacaagcccg gacgactgcg cagctgctct cttcactgac gcaaccggc   360
agcttcatcg aggacacgct ggacgacaac ggcaaccccg tcttcaaagt acaacagggc   420
tcgaaagcca ggaagagcaa gagcccggct tccaaaaaga agacaccatc aagaagccca   480

```
agagctcaag caaggaaaag cgaagcacaa gcgcaaagaa aatagaggcc gaggatccgc    540
caatcaattg gttctcgcgt cttcttcagc tgggcacgtn ttntcgcggc gtccacagcg    600
aaagcagacc gccacagtgg acaagctgga ctgggttatt ggtggaagac tggaatgacg    660
agcaggatac caccatcaag cccagcacgg gtaaaccaaa agaaacagcc naagcgaccc    720
aaggnggagg cgacnattt ttgattgggg ttnaggactg gcgtgacctt gattttttgg    780
gccaaagcca aggtggcggt tggangaagc aaggacccct ttaggcaagt ccaatgccaa    840
aagcggngtn ttcgaccaag aattttggcg ccgatgaacc caanggangg aacctt        896


<210> 7619
<211> 611
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G


<400> 7619
aaatgtccga tagcgacgac gagcccatca ccctctcctc ccacgccctc gaggccctcc     60
gcgcctttga ggctgaacgc gaagagcacc aggccaagtt ccagaagctc caggccgagg    120
cggagagcaa caacagcctg ctctccatcg acacctttgc cgaggactgg aacgagtctc    180
agttctggta ttcagatgaa actgcaaata ccctcgccac ggagctgctc agagatgcaa    240
cgagtgacat gaccatcggc gtcgtctctg cgccgagcgt ctttgtcgct ctcaagaata    300
tactgcggag taaaagcgac catgagaaac caaagctggt nctgttggag cacgacaacc    360
gcttngggcg tgttcccaga gtttttcgttc tatgactttt nacagncagt tnaaattggc    420
aaggccatct gaaagggntc catcgacaag aattatttgg ngacccccca ttnttgaacc    480
gaanaatngc caaaaccaaa gcccgccttg accggttcgg tggntttttn aaaccaaccg    540
gggggccggg ccggcanctt ggttttaatt ggttnggncc cggnaaaana atgggagtnt    600
tttnttcttt a                                                         611


<210> 7620
<211> 929
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(929)
<223> n = A,T,C or G


<400> 7620
actaacaaca acatcgtcaa cacttcagcg gctactgtat tcacttactc gcgtctttgc     60
tgtcttacac gcaaaagaac aaaacaagct caactcgctc acgccttttt tgaatcacac    120
ccaaaaccgt cacaatgcgt ttctccattg tcctgtccgg cctcttcgcc gcctggctgc    180
cgcccagtcg agctccagcg ctgccaggcc ccgtccggga cccagtcgct cagccctgcc    240
caggcctctc aggttgcctg catcaaggcc tgcaaggctg gtgacgttga ctgccaggct    300
cactgcattg ctgtgccctc gcccaaccag tcccaggtca acgccaccac gcagtgcgtc    360
gccaagtgcc cccagggcaa cggcagcgct gcccagacgc agatctacaa gacgtgcatt    420
gacaagtgca tcaacgacca ctacttcgtc acctctgagg gcactcccca ggccactggc    480
gccccggta acgacaacca ggcttcgggc aacgctactg actctgccgt tgcttccacg    540
ggcaccgaca ggttcgcgac tgacttcgag tccactggca ccgggactgg gaccgcaccg    600
gcacgttgac tcgcaccagc accttaccca ggaccagttt tgnctttggt agcgccacga    660
ccaacgctgc ttctgccatg attggctttg gcggtgcttt gatgggtgtt tttgttgcct    720
gttggtttgt aagcacacct agtctgagtg gttcgcagat gctgttgctt ttttttaca    780
agttcttggt ccaagttttng gttgggctaa tggaagggg ttaatcttgg ttaatggtct    840
aatgatggag atnggtgtat ttacctcgag tttgatatca ccggaataa ccgtncctaa    900
taaaatagcg ttggaacccg aaaaaaaan                                      929


<210> 7621
```

<211> 583
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 7621
```
caagtactcg agatttgcg aggaggcctt cccaccagtg ccgtcaatgc ccctatcatc     60
ctgcccgaag agtaccgcaa gctccaaccc tttgtgcaac tgattgagaa gatgggccgt    120
ctctacatgc agcatttcgt caggtccaag ggaggcctcg ttggcggacg cacctttgaa    180
ctggtctacc acggcgacct ggctggaatg ccaacacgaa acccgctgta cccagcgctg    240
gtaaagggcc tggtcncttc ttcaangaga ctcacgttaa cattgtcnac gcgacgcttg    300
attgccaaag ganaagggca ttaaagataa gcgaagacaa cttccaccac caggcgaaca    360
ngacgtatgc caacctggtg acctnaaagg ccacccaaag gacggnagcg ggcaacaaan    420
caatgaaggc taccttcngg caaccggttg nacattttnc aacttgaccg gtttaacgcc    480
anctttancc ccgagggcac ccattgatca ttcttgnacn actatgacaa nccgggccaa    540
gaaatggagg ncgtcgncan tggtgcttgg gcttccaccg gat                     583
```

<210> 7622
<211> 716
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 7622
```
ctcgttttgc ggcctcgttt ttttttttcct ttgtcccagc aacccgcagg atttcgtcta    60
ctatcaggta ttgcatggca tctcctctct agcgactcat agctttggcc gactctccat    120
ctatccgccc ccttcacgat gcgcctgccg gtggctctcg tcctcggcgc gctgcttggg    180
gccgcccagg catctgtcgt cgtccgacag dacaacgccg gcccagattc ctccacggct    240
cccgcccccga ccgccggagc tgacgactcg tcgacctctg cgccgccttc tcagaccacg    300
ccgcccccga gctcgacgtc ctcgtcctcg tccagcagca gcaccagccc ggccgacagc    360
gacaccaccg tcttcgagac cgagaccgtc acgggcgcgg gcggcaagac cgtcaccagc    420
acccgcactc tgacggcgac gagcggcacc acggttgtcg tgacagccac cgtctttgtc    480
accaccactg ttactaagca gcggcggcga dacagccacc aaggtcgtnt acgaaccacc    540
accgtcttcg cgacgcccac cgacagccng gccgcccaga agcgcgctgg cgagattgcg    600
cctaggactg gagtcgcttg ccgctcctac cggtgccccc gatgccgaac tatntggccc    650
ggtctntggc cttgggcgac ctggangcgc gccgcatctt nacccgaggt cgtaac        716
```

<210> 7623
<211> 645
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 7623
```
attcccccat gccggggacg tatcccgccg aggtcagcga gtttgacacg agtctggggc    60
tgaggctgga ttacgaggcg tgtttggcgt atcttgcgtt ccgcctgta ggggcggtga    120
ttctcttgat cttggagcgg aatagcgact atgtcaggtt ccacgcctgg cagtctgctc    180
tcctcttcac agccatcatg gtcttccacg tcttaatctc ctggtcgtcc ttcctgagct    240
```

- 2719 -

```
ggatcttctt cctcggggac attgttctga ttggatttct cacgctgaag gcatatcaag      300
acgcagaaga tactagacag atacgaagtt cccttcttcg gaaggatagc cgagcagatt      360
cctagacgac gaagtaaacg ttagagcggc gcgcgcacgc ttttcattnc attttttttt      420
ctctctatgt ggctctgggc tgggctgggt tggatgtaaa aggatggggc ttcggtctgg      480
ttccggcttt gttctcgtgt cnctggacat cttggttgga tgcccatgca tggttctggc      540
ccctactact acacttaata taccccctgt tctctggcga cnttatacaa ctggttgcag      600
cccatttcaa ggttccgaaa taaaccatgt ggtatgcttg gtcct                      645
```

```
<210> 7624
<211> 653
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

<400> 7624
tctcttcaaa taacaagccc ggtgctctct tgcccactgc tctccctctt ctacaacatc       60
tacaagccga atatcgagcc ttacgagtcc agtctcaaca cacccaaccg tcaaaatgca      120
gttcaccacc ctcctcgttg tcgccggcgc tgccgttgcc gctgctcaga gcacctcgac      180
tctgactgcc acgaccacca tgacctacac catcacccag tgccccgaga gcgtcaccaa      240
ctgcccttac cgcacccctg ccgcagcacc tctgaggccg ctgcaccacc gcgcctgttg      300
aggtcaccac ctctgccgtc gagacctcca ctgccgtccc taccacctac tcccccatct      360
ggagcgtctc caactcgacc tctgcaccgg tgttggacca accccgttgg accggcgttc      420
caccaccatt gtcatggttc ctntggactg gtgctaacct accggcctgn tggcaacgtt      480
ccttcggcct tntggccctt tgggatggcc cccttaccgt ccttacaagc ggngttgcaa      540
acanatgggt tantccggcg tcttcntgtc gccgtccntt gccgttttcg cccttggctt      600
tttaagcgca catttacact ttttttttaac tgnttggngc caacagttca ata             653
```

```
<210> 7625
<211> 777
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(777)
<223> n = A,T,C or G

<400> 7625
tgtatggccc cgtgtggaac tacatgatgg ccgggtgtcc ggccgtcgtg ggcacgctgt       60
gggacgtgac ggaccgcgac attgaccggt tcgccggcag ggcttttgag gaatgggggc      120
tctttgccag gggcacgttt gacctgtcga cgtccttgtc gggcaaggcc aaggccaagg      180
ccaagggcag ggctaagagc tttgccgagg aggtggacca agtgaggctc gatgctcctg      240
cttcagatca tgcttcgctt gcggaggcgg tggcgagggc gagaagcgcg tgtcgcttca      300
agtatctcaa cggcgcggcg gtggtttttgt atggaatccc tgtttatatc aagaaggagt      360
gaaaaaggac tcttggacac gatgacacta cctgggaaaa ttggctttgg gtnaaaggga      420
atcgagccgg gataaaattc tacaagggggc taaacggtgg aaagaacgca aatgattctc      480
ataataaccg agatacaacc gaactaatga catgaatgac gaccagaaag caaacacaac      540
gatgagagta ctatagcgtt tcttttggaa agatggcggg attggacatg anaaaaaggc      600
gangaaggca ttgcttgctt tattgctttt gaacatcttt tggtcttngc catagcgtgg      660
gggaagtctt tggtcgnttt ttgggaaana tgaaattgaa tnggattttg atgctattca      720
anacactttt ggacgaaaag gggaaaaatc ntgatttccg ggngggttng aaaaaaa         777
```

```
<210> 7626
<211> 513
<212> DNA
<213> Tricoderma reesei
```

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 7626
acactttcaa caacaacaac acgcaacagc aagaccaaca gcaacagcag cagcagcatc   60
atcagtttgg tgatttcaac aacagcgaca ttgacagcag caacgaccag aaccaacaca   120
ccaacaacct gctcttcgac gacttcgcct ttggccaggc cgacaacgac tttgagttct   180
cgccatcgtc cttctcgtcc tcggagctct catcggccaa tctcgagtat ctcaacgccg   240
ccatcgcctc tgccttcccg tcagactcga tgcggcctga ctcttcctgg acaccgccg   300
ctcgctttcg actccttcaa agttcggccg tctcctacca agcgcgagtc ctctttgcgt   360
ccctcgggtt ccacgggggc cggcggtcgg ccctttaact tcgcacatcg gcgaaaccct   420
tcacatnggc cgtttaccga cgnccaatgg gtgaacnggn tttcattggg acattgcact   480
tcgcacgaan atggttttgg ccattgaact tta   513

<210> 7627
<211> 539
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 7627
atgagtgcta ccgcaagact ccattccccc catgagcttc ctctccgcgc tgaggctcgt   60
gttcccacaa tttgccgaaa agtccaagag cggctctgga tatgcccagc aggatgctga   120
ggaggcatgg tctcagattg ttcagcaact gggccagaag gtcacgatca agtcgtcccc   180
cgatgagcct ggtgtttctt tcgtcgacaa gtacatggca ggacaattca cttncgtcct   240
tgagtgcgat gaggaggaag cgcggaacgg tggcgaacaa cccgtcatct cgaaggatac   300
ctttacaaac ttgactgcca tattgacagt nagacaaacc acctgaggga tggcattctg   360
gctgncctca gcgagaagtt ggagaagang tcggangtgc tgggccgtga cgccacttac   420
accaagacgt ccaagaatat cccgagcccc caagtacctt accgnccac tttggtncna   480
ttcttttngg aaaaagggaa acncaanaag aaaggccaan gattattcnc caanggtct   539

<210> 7628
<211> 538
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

<400> 7628
ngcttttac aaggttctga tttgtgagct gaacacgatc gcaaatgtca ctcgctgcct   60
cgacttctt gtaataccat ccttttgcgc aaaaccacgc tcgtttcgag tgcgaaacag   120
gtcctacgga gaaaacagcg atagggaact cgcgaactca aactacagta cagcattatc   180
taaacaatcc cttattgctc cggctacgga acgacaataa gccgcatcgg ctcatcatga   240
taatcgacaa gatcccattg gngttgttgt ttggtgctcg catcgcgcta ggtgcggatc   300
tccaacccat ccagatcaag ggctccaaat tcttctacga gaacgggact caattttttcc   360
tgaaaggaat cgcgtatcag caggattngt ctgccaatgg gacagactgc ccaccgaca   420
cgaaagttac ccgatctctg gctaatggaa gcaaactgca agncgtgana tccctctgct   480
tagnccgaac ttggggaccc accnggaacc cgaccttang gcgaancgat ccgaactg   538

<210> 7629

- 2721 -

<211> 748
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 7629
catcatggcc tcattcgccc tctccgcccc agcaaacacc gacgtctgga agaaaccccc   60
ctcccacgac gtcttcaccg cccctacaa atccctctcc aagaacccct ttccaaaatt   120
ccgctccgca agcctcacct tcacagcaac atacacccac caattcgacc aagccggcat   180
cctcctcctc ttcacccgtc cctcctccag cacccccgc aaatggatca agccggcat   240
cgagcacttc aacaacgcgc cccgcctctc caccgtctgc tgcgacaact gggccgactg   300
gagcgtctgc cgacgtcttc ctcttccgcg gcagacatcc aggccggtgc caanggccgt   360
gaccattctc gtggagaggc tggatcccca cgacgggtcg tgcttgtggg tgtatcnggg   420
tcaagggcga caagaagacg ccgatgaagg gagaatttgc ttgccgtatg gcgaataatg   480
gggggcaagg atgggaactt ggaaggtttg gggcccttgg tnggccaagg ncccaattaa   540
nggattgtga aaggatgaac ttgggqanggt gaaaattttg gangqggatt cgaaggtcaa   600
aagggggggac caatgcttta aaaggctgct gcttnttntt caaggnatca tacattccag   660
acactttggc ttatggnatt tggtggtttt tttncaaggg ttttcatcat aggtaggctt   720
atacacaaga actcatgata gtcaccgg   748

<210> 7630
<211> 864
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(864)
<223> n = A,T,C or G

<400> 7630
cggacgacaa caaacacgcc tctcgtttct cttgtgtgcc gtcccgagca gtgcgtcact   60
cgtttcagcg cactcccagc ggctcggatc tgtttctgct ccttgcctgt tcagcactca   120
ttgccggttc atttctttg cgcgacaccg acttccaatt ccccagcgcg tccgactggg   180
cttccaatcg ctcgaaaact gctcgaaaga agaaaaaacc agcgcctcgg ttacacgaca   240
cgacgcccga gcccggcatc gccttgggca tttgttcgac gacagcgaca ttccctgctt   300
ttaaatctaa atcgatctgt ttctgtggct tcaagccctt ggggagcgac aagacgcaca   360
agggaccatg cgacaagtcc gccgtgggtt gttgccttct gggccgccgg atcgggcttt   420
gcggctggcg acgtgctcgc ttaccaagaa ngtgtcccaa ggagtcgccc tgctgctccc   480
aatatggcga agtgcggcgt cggcgcgtac tgcctgggcg gctgcgaccc gcgaatgtcc   540
ttctcgctcg actcgtgcac gcccgancccc gtgtgcaagt ncaagacgat gacgttcgac   600
tncaagctta acaccatcgg cgacattnag cgactacctg ggcgacccgt tcacggccga   660
gtggatggcc aaggcgaagc ccgcctacta cacggnaacg tgnctgntga cattgccccca   720
anaacaaggg tcggcaccgt ctgggcacca cccgagtaca tgtgggaccg gaacgttaa   780
aggcaanttt aaaaacaanc cgnggccggg gcgttgtnac ggccttttttc ttctgtcgga   840
ccttaanggga caanaattga cttt   864

<210> 7631
<211> 755
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 7631
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aggatgagga cgaggatgag gacgaggacg acgaactcga tgttctggat gtcgaggacg    60
aggacgagga tgaggacgag gatgatgagg acgagatgga cgatggctcc gacggatacc   120
acactgatga agagaccggc ttcgctgatt ccgacgagga agatgacgag gacgagaaca   180
tgatcttgtg gactccgggc cgcaccccat ctgccctcaa tcaggtcact actagcctgg   240
ctcgccgtct ctccatgacc gagcaacact cggactcctc tattggatcc cgacgcagcc   300
gtcgccgatc caagccccgt cccattggac ctcaagtcga ggcgccggac ttgcccgaca   360
gcactgactt tgtgtgcgga cgctcgacga agatcgcctg ttgaggatgc ctacctctcg   420
tgcctcgccg cccgcaggaa cgagaagctg cgcatcatcc cccaagacat tgatccaagc   480
ttnccngctt cngaccttga ggaagangac gacgatgatg tctacgcngn tggttctgac   540
agcgacgatc acgcttgggt ccagggagcc atggaggatc ttgatgacga gacaaacccg   600
cctcgaagga ngcgcaaggg cgaagancac cttttcccga cgaattccgt tnttccgctt   660
nccaagcgac gcgggttttc cgccccaaac cttgcgcacg cttttccaac cgttttttgac  720
cgccagtcgc ttgacnactt ccttcctgng cccaa                              755
```

<210> 7632
<211> 315
<212> DNA
<213> Tricoderma reesei

<400> 7632
```
ccgacgacaa ggatgcggca gccgccgacg ccaagaagaa gcccgagaag gagaaggttg    60
gctacgagat tgagaacatg agccgagttc tacctggtca gctcaagtac atcagcttcc   120
ctgctggccg ttataagcca gtcaagaagc caaccggagg tcctcttctt cttatcgata   180
cccagcctga cgagcccaag acgcttcttg aggagaagct gaagaaggtt acgaccgagc   240
gtgcgccggt cgctggacag cagctgggca gaagcggagc tggtcgctca agccgatccc   300
tcctcgacga tccca                                                    315
```

<210> 7633
<211> 903
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(903)
<223> n = A,T,C or G

<400> 7633
```
ctttcggcac cttttgcggg tttctacaag gagcgacagc agtgctttcc atccgagaaa    60
cgtggattac cacctgatag gaagcctcca ggatcttcag gctcatttcc acctcagtca   120
gctccatctt cccaaagaaa ctatcagcgt cgtcacagat acccgctaca tgttccagcc   180
cgtgacgagg ctttccaagt caaagggaaa ggtagatgtc gcgatcaagg tcggaagcca   240
gtttgtccaa gtaacgacga ccaagaaaca ggaggtcttg tctggtctcc gtcttagtac   300
cactgtcaat gacatattcc ggctagggga cgtggaggaa gcaacgacaa cactgcagtc   360
agaggatgac tcgtcctttg gccttcgcgc ggatggtggg aagattgtga tgtacttctc   420
cagcccaaag aaggccgacg tgctcagacc atccgcagcg ccaagagcaa gcatggaaag   480
gagaatcgca cctacaagcc gtttgagagg cttatgcgtc ccaagacgtg ccggggacat   540
tnntcaacct cgcttcccaa ccttttgagt ncagatcgcg ctcttgagat tggcattata   600
naattgnta ggagcactnt gnagggcctt taaattcagc gcaaattnca gattggcatg    660
tgccaaaaac atttcaattt ccatggatcc acaaaanttg nggtgaaat gagcaaaatc    720
ctggcaagcc cgcagccnca gntgaatttg anttnttgac ggagttnttn gttggtggga   780
anctttcctg aaaacaaagg ccgttancct ggctttnttg taccgggggt tgggggcttt   840
ggaccaacat ttttgacaag cgaacaanaa agcgaaaagg ggcaaaaaaa nggcncgacc   900
ttt                                                                 903
```

<210> 7634
<211> 500
<212> DNA
```
```

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G

<400> 7634
caaccaccac caatctcaac gcgctctttc gagccaccaa caagctcttt ttatgctcaa   60
gcgatctctt cttcgcagca acaacaacaa gaaccgcatc atcaagcacc tctcttcctc   120
ttctccaaag acttccacct ccgtctccgc cacacgactc ttctcaaccg cacccaaaat   180
ggccttcttc cagcgcaact tctaccccga gacctccttc accccctgt tccgcctgct   240
gcaggacttt gacgactact cgcggcagac aaacggnggt tccgcgtcgg ccccgccgca   300
ccggcatcac gccatggcag ccaaagttcg acgtgcgcga aacggacgcc cgcgtaccaa   360
ctgnacnggg agctgccggn atgaacaang agaacgtnaa cattgagttc accgactcca   420
agacgctngt cgtcacgggc gngtngagcg cactaaacgg cggacgcgcc ttgggcgcct   480
tganggctca agttgggcgg   510

<210> 7635
<211> 835
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(835)
<223> n = A,T,C or G

<400> 7635
ggcgagaggg cagaaggacg ggaatccacg cgccattcag ctcggattga ctcagagccg   60
gaaacctcga caaacctcga tcaagaccat tacctcctac gatcaagaat cctgtaccgt   120
cttccacaag ccactgaatc ctctcaacga ctgtacaaat caccgcccgt caccacctcc   180
tcatcgcctc tccccccatc atatcacaca acacacacaa agagagaaga caaaaagaac   240
aaggaaaaaa cacacaagat gtcgtcctca accgccggtc ccgcgcggac ccccggggc   300
gacgtcgacg cggcgaagct ggccgtgctc aaggagctgc tgtacgagcg atgccgcgaa   360
gagggcgaca tgttctcgca ggacgacctg ctgcgcatgg acgtgatccc caaccgcgac   420
ctgctgctgc tggcgcgcgt ggtgcagtcg ctcagcgacg acaaagctct tcatcacgat   480
gagggaggcg tcgggccagg tgctgtggaa gtggcgcgac aagcaggagg cgcacaaata   540
caagcagtgc acgacggacg agcaagtcat ggtctactcg ctcatcgacg acttcngcgg   600
ngacggnatc tggacgcaga cctccaaaag cggggtcaac atgcacgact cggtccttca   660
agaacgcaat taagcagctt caggcaaang ggctnattgc gccctttaag aacgtcgagc   720
accccaacaa gaagatgtac ataaggctt cattcggccg aacgaccgng ccacgggagg   780
gccttggtac accgatcagg atnttgacna ggctttattg aggacttgca cgcgt   835

<210> 7636
<211> 610
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 7636
ggaccgcgtg cccagattc atgaactcaa caacatgtgc tgcggcctgt acgacgccgg   60
catgttcacc cagatggaga tgcacgtcct caacaccctg gaatggacca ttggccaccc   120
caccgtcgac ttctttaccc agctcatggc tgccgaggag caggacgaca aggaggtgga   180
gcacatggcc gcctacctct gcgagattgc cctgtaccac cgcgatttcg tttcgaccaa   240
gtcctccatc atggctcgct cctcattagc cttggccagg gccatcctgg gaaggcccga   300

- 2724 -

```
gatcaacgac ggcgactggg accacaccga gaacctgacg ctcttgaccc tttctcagca    360
cctcaaccag ccctcgccga ccctggcccg caagtactct tcatcatccc tgtccaaggt    420
ttcccagagc tggccgactt catggccgag caggccgcga tggacggntc caggccaacc    480
cccagtcgcc cctgccgacc tgtctnangc actccgacat ctacagaccc cccaaaaggn    540
cacgggctgc cggcnggttc gacgggtacc tnacgcctcc atcaccccga caacgcctac    600
ggaaacacgg                                                           610


<210> 7637
<211> 673
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 7637
aaactcgagc aaagccacca tgtgttccgc cgacatcttc ctcggcgtcc tcgccatcct     60
cttccctccg ctgcccgtct gggtcaagcg cggcatctgc agcgcagact ccctcatcaa    120
catcctcctc tgcatcctcg gcttcatccc aggcctcctc cacgcctggt acatcatcgc    180
caagttcccc gagccgccct acgaatacga cgccgtcccc aacgacgagc gctacggcaa    240
gcaaccgcgt cacctacgtc tacgtccagt cccctcccgg acctcaccac cagcagccca    300
agccgcagga cggcaacggc cgcatgaact acgggacgac ctcgcagcta caacaccaca    360
gcccgtcgct cagccgcagc agcatggggt gacgggctcg ggagagggca gctctgatca    420
taccagggtg tgccgccttc gtatgctgag gtcgttgctg gcgaccacaa ggtgcagacg    480
cgtgattaat ggaagacaaa gagataatga tcgtatgccg ccatcagccc gaatatgtca    540
aatgataccc caatacacat gtacggaggc agaaaccgtg gcggcgatgg agacgcgtga    600
tatgctgcaa cgaaatgngg gcgaatagaa agtaaaaaag gngtttgctc ttcaagactt    660
ttgttataac cgg                                                       673


<210> 7638
<211> 795
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(795)
<223> n = A,T,C or G

<400> 7638
cgtccccaag tttatcacga aataaagaaa aaaaaaataa ttaaataaaa agacacactc     60
gccgtcaaga ccaagatgcg ccagtccatc ggtacttcgc tgctttacct catcggggga    120
gcaaacctcg tccttgccgc gtgcgagaac tacagcttca cgacatgcga tgatggcatt    180
gtccactggt acgatctgaa ggacggccag atctgcgacc ccaaggactg cggaggcggc    240
cgggctcctc ccagaaccga cgtgccgggc tgcccctgta ttcgggcacg atcctcagcg    300
agccgatctc gtacctctcg tgcttcactc cgtcgaatgc cgtgccagtg acgacttcga    360
ctcctgctgg cagtgctgga acaactgccg atgttgtaat cacaagcgcc atctcgacct    420
ctgacgctgg aagaacgacc caggagccgg cgagcgagac cagcactgtc gattcgtctg    480
tggttccgg taagccgtcg accttgatca cgactgctgc ctcttcgcct gcttccgctt    540
cgaccaagac ttccattacg agcccgggaa ctnttttcac taagagccaa gctacccacg    600
caagctttaa acacaacgaa gcggnagtgc ttcaacgacg tcgactacga acgctggaaa    660
tggcggnggg tggctcaatg gttggccgng gctggagttg cccttggact tttgcttttg    720
ttgaaaagca aaggggtttg ggttgtaaan aggtattact tgtcctaacn caaaaaggaa    780
tcaaattttg tggac                                                     795


<210> 7639
<211> 898
<212> DNA
```

- 2725 -

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(898)
<223> n = A,T,C or G

<400> 7639
cgagttcctg gccgactgca aggcgcagct gcgcgcgcag gtgccgcgca tcgccgagct   60
gcggcgcaaa gccgccgagg acccgctcgc gttttacgag ggcgagcggg ccacggacgg   120
cagcaacaac aacaacatcc tcgacgacgt ctntgtggcg gcgagctcgc gcgtnancac   180
gtcggccagc ctgttcacgc ggtacacggg gaaagcgggc ancgtgggga cngncggcac   240
gggggtcaac cgggcgacca ncaaaaaccg gcggcgggag gaaaaaaaac cccccccggc   300
ccgaagggca ccgtgtacca agaggantac ctngtcaata acctgcngcg gctggtggaa   360
cncntggaag ccttcaaagc ggaagtcgan aggctggtgt ttgcgctcgt gaagaaaagc   420
atggcggaac gggccaaggg cccgcggaag cgctnatggc ggatgtcaca aaagccttgt   480
gaaggtgctg tcaaagatgt atttgccgtg tcgggtgagc aacaacaggc acagcagcag   540
gaacatatac agatacagac gcatgctgat gaaggggtgc atgcgtggaa ngcctcgggc   600
ngggaaggcg tnttttaaga ntgggatgca agaacaactg canggcaaga anatggaacc   660
cgccgtgatt tcngggatga anaacttgtc ctgcttggga tgatgatgat gatgatgatg   720
atgatggggg aaccgantnt gggaactggg ttcttgattt ttttgctgag gnatgatgtt   780
gcatgtatgt ccaaaaaana tttttatttg ggngcttnaa taaaataaag ggggattggg   840
aggggaaaa acttcctatg aatcnttcca attccccnct taaaaaaaga aaaaaaaa   898

<210> 7640
<211> 573
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 7640
tgctccgcac aaccctcacc aagacggcnc gctctccgtc ccctccgcgc cgcattcacc   60
accactgccc gcgccatggg cgaaggcgac actggcgctc cccccaagac cggcggccaa   120
ggcgacgcct tccagcgccg cgaaaaggcc gccgaggact acgccatccg ccagcgcgaa   180
aaggaaaaagc tgctcgagct caggaagaag ctgacccgag cagcaggagc acctcgatcg   240
cctcgccaag ccattgacga gattaccaag gagcagggcg gcgaacaaaa ctaaaaggaa   300
tttgttgtaa ccggaccttg cacgaaaaaa aaangcagac gagtcgctca tcatggcatg   360
agggcggctt gactgggcag ttcaaattgt attattaagg tagaaggcaa caacagccct   420
tcggggggtcc gaatcgcgca tacatcatga ttgcgttatc tggctcatcg ctagccacga   480
tccgtctgta aagctatatg aactctnttc acttnttgga ggaaaagaaa aaagaaaaaa   540
agaaaaatac cccagtccct tcgaanaaaa aaa   573

<210> 7641
<211> 406
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 7641
ggacgatccg ggatatcgct gctcacccga ccaccgcggg cacgttgtat gtctcgaccg   60
acgtcggcat attccgctcc acagactcgg gcacgacctt tggccaagtc tccaccgccc   120
tgaccaacac ctaccagatc gccctggggtg tgggctcagg ctcgaactgg aacctgtatg   180

- 2726 -

```
ccttcggcac cggcccgtca ggggctcgcc tctacgccag tggagacaag cggcgcctcc      240
tggacggaca tccaagggct cccagggctt cggttccatc gacagaccaa ggtcgccggc      300
agcggaagac cgccgggcaa gtctacgtgg gcaccaacgg ncggggcgtn tttacgctta      360
agggaaccgc ggcggcggca cnggccggaa cttcctcgtc gaccaa                     406


<210> 7642
<211> 285
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G


<400> 7642
ncttggcaaa acatgttccg acacacgaag gggngcctgg ctgntgcngt ggncaaagct       60
gtcgagccca gcgcatacac tcttgccntg tcgnggcgc anggcgttnc tctagggctg      120
actggagcca tcngaaacac gcccctcatg acctcaaccg ctctcngaag agacgggctg      180
tanatctcgg gaggncgagt tatgaaccct gcggatgatc aaggaccgcg caactgctgt      240
acgtcggcaa ggacgccgag gagctgcggc ctgctcaagc cgggc                     285


<210> 7643
<211> 775
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(775)
<223> n = A,T,C or G


<400> 7643
caggaagcgg gcggaaggng anaggcggcc ccgggtcaag cccacgtcgc cccagcccga       60
agacaacgac gagaacctca cgccggaaca gcgacagaat cgcgaaatcg acagggctct      120
cgacgccgnc atgaagaacc gggggtcagc gcccaagcgc cggagaaagg acgagattga      180
tctcgaggac naaatcgacg agcaagttgg ccgcgctcaa ngtccagatg gaccgtgcgt      240
gccaaggccg acaaccaggg cgccgcgaag tcgggacagc ccgccttgna caagcttcaa      300
gctggttgcc cgaggtcgcc gggcctnttn aaccgtaaca atggttnaga cgccgtggtt      360
cgatcccnca ccaanttttt gcagacgtna agttcttctc aagccgtcaa cgacggttcn      420
ttgccgctta aacatcaagc gcgacatttn accggccttg acgcgcttaa cattgaaaag      480
gangctnttc ttaacaagcn gnattcggna aggtcgtttt gttntacacg aggagcaaga      540
agccccgagc ccancattaa agcccatggg ccnaccggtt gttgggaaaa tggaacccgc      600
ccattcttaa gccggaccga cgactacaag aagcgccaca tttganaccc ncgagttttg      660
ataccaagnt tgccaaantt ggnttaacgc cggaagaacg gnttttaaat taaccctttt      720
ccaacgaacc ccnccaattt tgcccncaac ccccaaccca aacnggtgnt gggtt          775


<210> 7644
<211> 741
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G


<400> 7644
nctcgggncc gatntcggtn acgangctct atcttaccag ntacctcctg tcctctctcc       60
ttgaagngca tcacagaagg ctcaacctct ttattatacc actataatac cccaccttgg      120
```

```
cccttcgccc actttctgct ctcggcctct gcctctcttg actcaccacc acaaacacac    180
aacttaacaa ccgcctctgt tgtacaccaa caagcaagca acatttcaac tcggaacctt    240
ttactcctgc tcctctcttt tgcacaatca aattaccgnt acaatggccc tcgacatgtg    300
gacccacgag ttctgcctcg cctgcgaccg acaagtccag gtcgacggcg acgcctactg    360
ctccgaagcg tgcagaatgg ccgacttcga aaagaccccc tctacaccca gctcgcagcc    420
aagctcgccc ggcttctctc agtctgctac gcctcctcag gcagcctntc agccgacctg    480
cgcccaccaa gttctacctg cctccgccta cgacttaatc gagcccagcc ctacgggtaa    540
cacctnggac gtctgcttcc ttcagcggct acacctccga catgtcgccc gcgtcgacac    600
accggggcct gacgcctnga gctcaacaag cagccttttg nttntatgca aaagcgggtc    660
ttcaaccggc cgagtcaagc angttgtaaa ncaggcacgc aaggagctgc nagcatacnc    720
cggtttcttt gacaaggtaa a                                             741


<210> 7645
<211> 824
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(824)
<223> n = A,T,C or G


<400> 7645
gcccagcccc acttccagaa caccatgctg gcgctggaag ccggcaagaa cgtcttgtgc     60
gaaaaggctt tcaccgtgac ggccgcgcag gcccgaaagc tggttgagac ggccaaggcc    120
aagaagctct tcctgatggg aagctgtgtg ggacacggtc ttttccgctt gntatcaaag    180
attcgaagaa ctcattggcc gnccggcgaa gattggcact ggctttcgaa caaatcgccc    240
gacttggtcc atcaaccgca aactcaaagc aagggtcaag cccttgaaat tcgcagactc    300
acatcgaatg gtcaacccgg acctngcagg cggtgccacc ttggatctcg gagtctatcc    360
cttgacctgg gtgttccana ccctgtatta tttgcaaccg gaggaagaca aggaggcttc    420
caccgtggnt gcttccagca acaaagtacc accactggcg cagacganaa tacccgccat    480
tatctgcagn ttccctngcc acaacaagca ttggaattnc ttcgacgacg atgaaggcgg    540
acaccgaccc cgagaangac acnattccng cggtccgaat ttaaaggatc caagggagaa    600
aattcaagtc ttttttttccg anctaacgan cgntttaagt acaaaggngg ngaaaanaaa    650
cggggaaggg caaacnggtg actggcccat tccccggaaa ccccgcgccc aagggnttng    720
gggcccagga atgttttttgg gaggcggacn aaatgtgctn taatgncttn tcgatgggca    780
anttggaaaa ntggccacct ttccttggaa aggaaaccat tggc                    824


<210> 7646
<211> 1510
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(1510)
<223> n = A,T,C or G


<400> 7646
cattcttaga agctgnccga ntcggcacga tgtgccgcga cgttcctttta tctgccgtcc     60
aaagacattc attcattttt tgcaccaaat agactcatcg ctcctttcag ctgctttttg    120
ctcgtcgcgc acttacgctc tcttttgcac cacttcaatc ttcaatacaa accactgcaa    180
tcatgaagct gtctacgacc atcgcgactg gcgctgccct tgtggccggt gtttctgctg    240
gacagaacaa ctacctcggc ttcaactcgg gcaacaccct ccccgacgaa gtccgccaan    300
gttcgagaag gacttccttg ccgagttctc cacggtccca gaaagctctg tcnggcgccn    360
ccgggcaan cttttaaacg ccgntccgg ttctctacaa ccaaacaatc ccagggccct    420
aacttccaan gggacactt tcctattcgg naggccctt tcttccgggc ccgnccattc    480
aangnaccca angaacngtt accaatttcc tttccttcgg ggggtntggg ggcccttncg    540
gggcccacct gngantaaac natctgaaa caaattgaag acnttgggtt gnccctttga    600
gacgcccccc gtcaaacaag tacggnagga ccttgaccgg acctgatcat tggtgtctcc    660
```

```
atcggcagcg aggatctgta cccgtgactc gcagactggg tcgaaccaac aaggccggtg      720
taggcaacgg ccccaaggag gtcctcggct tcatcaacca ctacaagaaa gacctttgcc      780
aacaattggc tctggccaat gtccccatcg gccacgtcga cacctgggat gcctgggtca      840
acggcaccaa caagcccgtc ctcgacgccg tcgactggat cggtgttgac gagtacccct      900
tctacgagac aggcaagggc aacgacatta gcaacgccgg caagctcttc gacacggttt      960
tcgaaaacca cgcttgggcg ctgccaatgg caagcccgtc tggggtgacc ggaaaaccgg     1020
ctggcccctg accggcccga ctgggacaag gccaagccca ccgtcaagaa cgcccaaaaa     1080
tactggcagg acattggctt gcaagaagct tcttcaacaa agtaccccac cttcttggta     1140
caacctgcgt gacttccaac ccggccaacc aggtcaagtt cgggatcaag ccanagcctc     1200
tctttcaccc ctttcgttcg accttgacct gncccaagga ggagaccacc accttccggg     1260
gcaaacccac cgcaccaccc ttgttaaggg ttttggacan ccgaacttgt naagtttggn     1320
ttcnagggac cggttacgcc ggangntcaa gtcaacaaca agcgatgttt ccaccactta     1380
ataaggcctt gcggggcaat acnacggggc cggngccnga acaagggttc cgggnttgcc     1440
tttgccgggg gggcatggtt gccggtttct ggcccttttt ttaaaatgaa ggacaatttt     1500
tgnaataacc                                                           1510


<210> 7647
<211> 475
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G


<400> 7647
tgtctctgtt gaacagaaca ccaccatcgc acaacaccaa aggcaccacc gctccttcag       50
catccagctc caaccaccag caaccatgaa gtccgtcgcc gtcgcctctg ctctgctcgt      120
cgcagctgct gccgcccagc ctcaccacgg ncaccacgcc cgcttccacg cccacaagca      180
cgcgggccgc gatgttgtcg tcaccgagac cgagtggcac accgacaccg tntacgtgac      240
cgaggtggtc gattccacct acacctactg ggtccaggac gggaagacgt ctttgccgnt      300
cncggcgagg ccacgggntt tgcaantntt tccgcttgcc ggggagtttt ttnnagccca      360
ctccancgtt gagnnggcat ttcacnagca ggttctttnt tccccngaga caacattggg      420
gcgcagttng tttttacgcc ccgcgcgctt ntaaaacact tctttgaggt tncgt           475


<210> 7648
<211> 495
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G


<400> 7648
tcgtcattgc cattgtcatt ggcgtggctg ttggcgtcac gcaggggaag aagagttcat       60
atcccgacta ctcacagttg acatataccc tcaaggatac attccaggga gaaaccttct      120
ttgacaactt caactacttt gagggctggg atcctgccgg gggattcgtt cactacgttc      180
cgcagcctcg agcccaacag ctgaacctca cttttgcatc gcaagatgcc gccgtnctca      240
gggtcgacac atccgtcggc cccgggcagg aaccccgacg cctccacggg cccgcttctc      300
cgtgcgcgtc gatagtccaa gaaagacgta caacgacggg cttctttcat attcgacgtt      360
ccgtcacacc cccttacagg tggcggcanc ctggccnggn ccttctgggc ttgaccggac      420
ccgttccaac tggcccctga cnaccgggta agatccgacc ttnattggaa gggcnaccaa      480
caagggccgg actaa                                                       495


<210> 7649
<211> 500
<212> DNA
```

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G

<400> 7649
tcaacaagaa ggacatggtc gagttcctca agcaggtcgc cgagcccaac cccgacccgg   60
cccccctcaaa cggcaagtcc ggcaagaagg cctccaccaa ggacaaggcc agcagcaagg   120
aggcccccca aaaggccgnc gccgccgacg agtcttcgtc cgccgcatcc tccgagacct   180
caacggccgc gcgccggagt cgaccctcat cgacatcccc gccctgactt ccaaangcag   240
agctcgagga gcactgtctc caaccaaagt cccaaaacct gcgtnctcgc tttgtgcccg   300
cgtccgcttc ggagatgcgc aacaagatcc tttctgccgt ctccagctgc acaccaagta   360
cgttcacnga aagcgccact tcccttcttn tttgtcgaca gcgacgtcga aggnttntgc   420
cgccttaagg aaccctcggc ttttcgggca agattgagct cgttggcctt aacgcccgcc   480
gggggtggtg gaggcgatac   500

<210> 7650
<211> 923
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(923)
<223> n = A,T,C or G

<400> 7650
gcaacggagg ccggagtgaa ctcggagagg gcaaactcag tcagcgggtg atgggctggc   60
agcggcgcgt tccccggtct gacggccggg acactgtgca tgcccgactg gcgagcagcg   120
tccacctcgt tgaggttgtc gctcaggaaa gaatcccagc gtgccgggct tgacgtcggg   180
atagtgaaga acaggatagt gggtgtagct agccaccgtc gggtcttggg cccccgcatt   240
gacggtgtcg aaccagtcag aagatgaaag accttatgtc ggcgggttgg gccggtccgt   300
gtgaacaaaa gaaaaacttt ctgggcccgg gacccgatcc cggacganta tatcatgatc   360
tttctggccc ggccgcatga agcattggtg atgaaagggt ggcacgttag ggaaagagtg   420
gaaccttgag gacgccggac tcgtatccct ttcttcaana ggtagccctg gaaccgcctt   480
tangtaccgg cgccttgacg tctcgggcca ncaagtnccg aacgtgancc ttnaaaggcn   540
ccgcggtcgt tgcngtactt cttaaggaaa gcgtttgcng tactcgcaaa acttgactcg   600
tccactgntt cggncaagaa acccggcang gacttggang gcattaaggg naacttggga   660
ntttggaccg gaacaaggtc ctttcgaagg tanccacaac gggttgggac ngngaccaaa   720
agaaccaaaa gacnaccaat gtgcccggtt aaaaaaaagc aaaccaantg ccagtccnag   780
cactacttgg tgcaaagacc tctnttangt ctacttgngg ggggcccaaa agtngggttt   840
gaacaaggac ctagccctnn tttttggggg naaaaaaggg ngggcttggt aatctnggat   900
ttgggcaaac ttnattggnt cct   923

<210> 7651
<211> 874
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(874)
<223> n = A,T,C or G

<400> 7651
cggcacgagg ccgccgccgc tgccatcgtt tccgaggctt tgtgaggact tggttgacac   60
tactcatctt taactacgtc acagccacca gcaacctccg acatgccgcc tctattgctc   120
cgacctcatg ccagcctctc ccacgccgaa gctctgcagg tagctcagca agccccgag   180

```
ttcctgcgga agaatcctgc gtcatactca gcatcgccgc tgttctcgct attttcaccc      240
ccagaaaact ccaagacatg gacaatatac gaaaacctct tgctcgcctg tctacggact      300
ggtgactata caacggcgca ccaatgcctc gaaagattgg tgattaggtt cggggggaac      360
gacgagcgca ttcaagccct caaggcctgg tgaaggaagc cgaggcaaca gacaacaagc      420
gagctggaaa angtgctgaa ggaataccan gcaatcttgg gccaatgata cacaaacgtg      480
ccaatctcaa agangagaat agcgcttctt cgtgcaatgg gaaggacaag ttgaagcgag      540
cgaaancctg gtgcagttcc ttcgactttg cgaccacnga tgccgaggnc tggattgagc      600
tctcanactt ggatntgtcc anggtctgta cgcncagcca tatacctcaa gaanagncct      660
ttgtatcgcg ccaangcgtg gaatntccat gcccgctagg cgangagctn tttattggtt      720
gcanagtttg caaccatgga aaccctnaag gcgtattttg nanaaagctt gaacgtttnt      780
gccnaacant tganctttgg gangaatntt ttccgggttc ttccggctgg aaccaggtac      840
cnanaaactt cttcgncaag gatttaaggc aaaa                                  874
```

<210> 7652
<211> 890
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(890)
<223> n = A,T,C or G

<400> 7652
```
tatccaactg aagtctacac tcgttcaaac ttccaaactt caacctctca accccaacca       60
aacaaccaaa ccaccacccc caaaacaaac caccaaaaac catcaaaatg cgtgccgccg      120
ctgttgtcgc tatcttcgct gcctccgcca tggcccagac cggcggctct gcctctccca      180
ccaacggcac cagcgtcacc cacaccggtg ctcccaccac cgcccctacc agcggtgcca      240
actccctgtc ccagaacatc ctcctcggtg tcggtgctgc tgccgtcctc gctgccagcc      300
tctaagcaac ttcaactttt ttttattcga aacctttctc tctcttccct gataatttga      360
ggggctttcg gggatgtcta gctcaagttt gctaggcttc ctgtgaagct ccttaccgac      420
ttcttgggga ggggaccgga ggaaaagaat atatcatgga tctggacggg atggggatgg      480
aggggaaaa gaaggtcaat ttagtttgcc ggcattagaa gtctttggga ggaagagaga      540
agagcggtac tttttttttcg tgctttatta cgaccacagc aaatgggata aaggatatac      600
ctatcgcttc ttttcttcga gtcaatcaaa cacttccaac ccagatctct cgtctttccc      660
ttcccnganc ccggactgtn ccgggcccgc aaaaagcaaa ccatgaaccg ggggttnctt      720
tttttttcga caactcaatt ataccaaacg gactggcttt cggcgggaaa ngaaaaggga      780
tttggcgccg ncaaacttat tttgggggca ttttttggctt tgctttttttt ttcncgaacc      840
tttttcttttt acctttctttt ttnatttttt tggctttttg aattttgcat                 890
```

<210> 7653
<211> 812
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

<400> 7653
```
ctacgagctc gcctttcccg aatccagcgt cgacctcgct accggatggc cgaacccatt       60
tcctgttctc ctccagatca tccacctcta cggtcaagtg tgcgatgtgc tgaacaatct      120
ccacgacgcc caagacctta cccaggacaa gtgggatcag ctatccgaga tggagcatcg      180
actcacgaga atgtacaagc actgggaccc gcggnttcag ttcaacgtca caactttaa      210
gacgtacctc ggcatgggcc agggcaccaa ctttatnctc ctccacttttt ggntccacgc      300
gctcttcatc atattgcatc aaccgactct tcttacccccc tttttgcgaac tgnggagcga      360
gctccagctg ctctnggaca gccgtgagct gagcatgaac agcgcaaaga ccatctgcga      420
cattttgncc tttgccgact cgatagatcc gacgagtttt attggcaacc cattcacgaa      480
tcagcccatt tatatcgcgg catgcgcatt tctcatggaa tcgagcgcca acaatgcatc      540
```

- 2731 -

```
tgagggctcg tccagggagg gctcgcttcc acttaagcga gtcgttcang caacagacga      600
agcactttaa caagcagtct tcggcattcg cttntcgcgt cggncgccaa ccagaattac      660
caagcgatgc tacaacttcc tgcagaaant ccaggcgtac tggggcggag tagggctata      720
tctnaccgng cttggacaaa agtcaaaagg naaggggggac tgngagacgt ataccgggga      780
ggagtatgan aagcccccaag ttgccccttc tt                                    812


<210> 7654
<211> 505
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G


<400> 7654
nttcttaacg cccggcaaac ccccgaaccc gaaattcaac ctggtgggca ttgnggcgan      60
caaagngggc acccgggccc gtaatntggc ctgggacgag gactatacac aagcttgang     120
angacaacga cccgacttgc ttgcttcaaa aagaagaaga agaagcccan gaaaaggccg     180
cnacacaaaa gtatngctgc aanggcaacg accgactttt gggccccggt ggcgacaang     240
acaaggcaat tgccgaattc naagcttatt cgaaaagacg gcattctggc accaagatcg     300
aactgtgctg ccataatac gcatgggggc tnttttacng ngacaagccc ctngtcaaga      360
acaagtcgag cggccaagac ctcgtcgagt cggcggcgat tggaccgacg gaaccgctta     420
aggctacnag gcctgnacct tattaccgtc cgngcctaca aaaccgcggg cccgttgttg     480
ttgaattcct tttgacntta ccagt                                           505


<210> 7655
<211> 683
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G


<400> 7655
nctcgnccga ntcggcacga ngcggaccag gtactccagc aaagcctcca aggccgatgc      60
ccagaaggaa aaggccgccc aggcacctca ctggctgagc aacgaggcgg acgacaagca     120
aaaggagatt gacaaccgag agtttgccaa gcagctctcc aaggccaagg agggtgccaa     180
gttcaacacc aagaacgacg gccccaagca gcgcgagaag accgtcaagc agtccaaggc     240
caacaaggcc aaggctgccc ccgccctga ggctgttccc tctgccccgt cgtccaacgg      300
ngctgatgcc gacgatgacg agtctcccgt tgtcctgtcc cccgagaccc gccccgtcga     360
cgttggcggt gtcagcgaca tgctcgagcc agcccccnng ggcccttcgt tctgcgtntg     420
actgataccg agtncaagaa ggacaaagaa gcccaaggcc gcaagaaccc cgaaccggct     480
tganaccaag angcaganac agancangaa gaaggctgag gctgntaaan gccgtctngc     540
gangaaggggc ccgaaaaaga gcgcaagatc ctttgaggaa gaagcanccg acgcactggt     600
tncattgtcg aaggcccgng ccgncaaggg atggctctga ntttnttggc cgccgttcaa     660
cagcaacaag tntgcttgga acg                                             683


<210> 7656
<211> 758
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G
```

<400> 7656

```
gtgctctcat taccgtcttc gtcctctggc gatggctggg ccatggtgga ctgggggcat      60
cccggccacg agctcttcca gcctacgccc agtgccgcca tcttcaaccc ctcccagaca     120
ctgcacttga ggaccaactc ggattcctcc gacggccgca actcggtcga aatcggtagc     180
tttgaggaag ttgcccccctt tccctattcg cccttctcac cagactctga tggccaagcc    240
gagaaccaca acaacggcca ccggaactgc tactcggccg atggccatca tcaccaccat     300
gatcacagcc atagccatgg tcatacccat ggccacagcc atagtcacag tcacagtcac     360
agccacgttc acagtccat cgcggtgact gccccagtct ccctcaaggg gcgagtcgtc     420
tgcccgtcac agccctggca gcggagcggg ctcggtatcc ccttttcgt ccaagcacca     480
cctcaaggag gagtgccnga aagtgctggc attcgcaaga ncccgattgc aangcacccc     540
aaaaccgtcg tcaggcgncg tctcaatgga aaagaaggat ggatctgtcg agaagaaagt     600
gggccgtaaa agggccctnt tttgcagaca gcgnaaagca agccagcgag ataagaaaag     660
ttgcgtgctt gctgcnatga aattcttaaa agacttgnat agggnagcct gcctggatgc     720
aancgtttac nccgctttgn aggtcctgga ccggatcg                             758
```

<210> 7657
<211> 675
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 7657

```
taaatggcat ctttcaagac agcttcctct ctccagccct gtctccgcct cccttacaac      60
aatctcaaca acaagctgaa gccggcctct accaactgat tatcctccac ctcacattca     120
tcatttttt ttggaacaat gagctcctcc gccgactccc ttcctcccca caagcccgcc     180
aaggaagcaa ggaaactcgc atgccgcctc tgccagaagc gcaaaaagaa gtgcaaccgg     240
aaaagcccat gctccatgtg catcaagctc aaggtcgttt gtcagccaag cgcacccgcc     300
gttccgcgga agaggaggca gtcgacaaan gacctnttcg cccgctggcc tggtgcgagg     360
agcagctgcg gcggaatctc gagtgtcngc agtgtctcga gtgcaaaaat cgttctcaa     420
agtcatctac agagagctcg acngcggaga ttgcaaagan gctcttctga gatcaagtct     480
gatccgagca tatcctctgc gccgattgct tcttcttntt tttctcccct tcatcttatt     540
cacctcccca ttcactacta tcaccaccat cttcttcttt tgacacaata tccgcttaaa     600
naaaatgatg atngaacatg ctgtacttaa taatattaat aaaaagccaa ccttttgtat     660
gaaaagacnt ccctt                                                       675
```

<210> 7658
<211> 904
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(904)
<223> n = A,T,C or G

<400> 7658

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cgcatgtcga ggagaggcgc tgcagcctgc tgttccacta caacaacgca gaggactacg      60
agtcggcgtc ccgccaggcc tctgactgcg ccagccacgt caacgatgcc tgcgagtcgc     120
tgcgggtgca cgccgtagca acggacggag ccattgtggt tgagcctctg gactggacca     180
agtgcacggc ggctcagcga gtgtttgagc agctgggaga gcacatgaag tcggatgaga     240
cacacaagca gccgtcgac tttttgatgg ttgtcggcga cggaccgaga agacgaaaag     300
gtgtttagat gggcaaacaa cctgggcgag cagaaccaga tcaagaatgt cattactgtg     360
agccttggca gccgaagcac cgaggcggcg gccactttga cccagggcgt gagcggtgtc     420
ttgaactgcc tttaagcgtc tggcatcggt gtcgtaggga agcatccttg cctcagtctt     480
tgcctagttt ccccaccact ctcttttcca ttcgcagntg ttttacttga cacttttttcc    540
```

- 2733 -

```
tcctgtttct cgtcattgna aggcgtcttt tggtatatga aaaaggaggc gtccnggttt    600
catttggagt ctgaattata tatcttgaac anggccgcan ancatggtct acaccnatgg    660
atgggccttt tatagcacga gtcccctttt tttcttttgc ntnccgtccg aaatggganca   720
accaagtttt acgtttgaaa ggaggngaaa aaaaaagtca ttgntcatta caacttgncc    780
agcatgtttn tgttcaagct ttgatattcn gcttggttct acatgcattt ntagttggcc    840
gttttggttg ntntttgtgc tttnatggga ttgggcgncg gattaaanac ccattggccg    900
gnct                                                                  904


<210> 7659
<211> 391
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G


<400> 7659
nccgctgncg antcgacgag gtactacggt caccatcacc accaccaccc tccaccacca     60
ccaccaccgc ctacaacaac aacaacagcc atcatgaagg tcctcaccaa ggaagaagaa    120
gccgnccact accgcgccgt cntcaagggc ggcctngtcg gnggcaccgt cggtctcgcc    180
atcggcgtcg cgggcgtcta ctacggntcc aagcggtacc ccagcttccg cagcctgacg    240
ctgcccttnc ggacgttcct cgtnaccttn caccagcacn tttggcgcca tcntacaggc    300
cgaccgcgcc gggcgtcgcc ttccagaaag aagcaangga cccatgtcca aagttccggn    360
gacgcnctcc cagcgcgccc aaggaggtga t                                    391


<210> 7660
<211> 843
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(843)
<223> n = A,T,C or G


<400> 7660
ntctcattat tnattttttt ccctttattc cccatttctt tttttccttt gtcataatta     60
tccccaattg tttctttcgt caccctcttc cgtcgtcgtc tccggttacg aaggctcgtc    120
aaccacaccc ccaagaggca cacacggcct ttttcggtgg cactgcggtt acaagtactt    180
gttgatccaa gtggtcttgc actactttgc cgaattgtgc aacctgaccc tttcggcccc    240
cagcttttgc tcctctggtt gaccaaggaa aaaaaagccg agccagacct gttcagtcgg    300
atgcgctctt aggcaacatt gacctacatt gcctcgccca tcatgcagca agtggcaagt    360
cggcccgtgc cggactacgt ctactccaac tcccccacc cgtccaacga catgcataac     420
catccttacc cngccgatat ggctcgccgc aacgaagctc gtatggattt ccctacggc     480
ctcagctaac atggctgcca gcaagcaaca ccacccaagc gccgtcagcc gccatgaacg    540
tatcgcagca gtcaccaaac ggccttcttc gcagcagcag acgcccgacc aagcccgccg    600
gccanccgcc aagtgccgt tnacggaagc gcccgggcca naacgcgggn cttacccgca     660
cgggcggcgt tcacttncan gggcccggcc aagggtaaca ctgggcccac gccggccggt    720
ccaggtggt cttctgccaa cccaggtgcc ggaccgagga ccnaacttca acgncggccg     780
gttggggcct ccgccanaaa anccgacgaa taccccttgg attcccaaga ggantteect    840
taa                                                                   843


<210> 7661
<211> 536
<212> DNA
<213> Tricoderma reesei


<220>
```

<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 7661
gctctcgcaa cgctcattga ctccgtcacg aaataccacc cctcaccaat ccaagcagaa   60
gagctcaaga acgccgacaa tgaactctgc aaaggcctgg agcaagtcga gatccatcag   120
aggaaccacc tcaaaatcca acagctccgc caaatgtcca actccctcga cgcccagatc   180
cgcgaaacgc tcacctccct cgcaacaacg cgcaaggacc tcgtcaccac acaagtcacc   240
acctaccctt ccgaaccaaa ctacccgatc ttatacgaag aagctgctcc ggnttcgccc   300
gncgcatcaa gcaagacctt tnatggcngg cccggncggn catccttnaa cgcncatggg   360
cggncgncgg tccggcgggg acgaaattaa agaacttntt aagacgccng gttncttgaa   420
ttcttaagac cccagatngg gccatgaacg cccggtcggg ggcaanactt ccgnaatncc   480
cattgccaga ggttcccggt ttcttaccca atnggggta agccngnaac aaacaa   536

<210> 7662
<211> 861
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(861)
<223> n = A,T,C or G

<400> 7662
cggcgggacg caattgactc ttccccccaa gccatgtctc ttcaatcctg ccgccccagc   60
gtcgctcgct gccgccacgc ctcccgcatc ctcacctcct gcgcccgcgc cttcgctacc   120
gagtcctcgc cctcatcctc aacaccagaa tccttcaagg tccccgcggg aacaacaaca   180
gcagcagcaa caacaacaac aaccacagag ccgacgacaa actacagcag tgcgacgacg   240
aagccgaagc cgcgatggag ccatacgcct gagggcatga aggcgccgct gcagcttgac   300
tttgcaaaga gcccgcgcaa caaggtctgg gccgtcaaca acgacccccgc gcgactcgac   360
gatgtgtaca accgcttctg gggccgggag gcagcaagat gcttccggag gagctcaagt   420
ggctggccgt gacgcacaag agctttgacc agggccggag agggttcaat gaccgattgg   480
actgnttggg ccggttgaca tggtgatgga ggcgacaaag gaaatcgtca gcaaggagcc   540
cctcgcgggc tnaatactgg ccgaccagtt cgacagacag ccgntnaacg acgcgcaagt   600
tgttggccgn ggacaacctt caacgtcatg gggcccgcgc gacgtcattg gcaaggacaa   660
gctttaccaa gttggncaac aaggtgggat tgttggaagt ggtgcggtgg aagcccnat   720
tgccaaacgg ttgagtcttn ggcgtggaag tgtcttnagt tcggcattat ggcattgncg   780
gngccttacc ttgaaatgga actgttgggc gnccaagtgg tgaggaaaag atctggccag   840
gttccaagga cattgaggtn g   861

<210> 7663
<211> 587
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)   (587)
<223> n = A,T,C or G

<400> 7663
ggccaagcca acattgacta cctgctgaag ctcagcgagg agtacaagag cagcgagctg   60
gaagtctctg ctgcccgctc ctccgccggc gactttgtcc gcgagcgccg cgaagaagac   120
atcatccgtg acgccgaga ggaggacatc atccgcgagc ggcgagagga gctcatcatc   180
caccacgaga cgccccgcccc tcctcctcct ccgccgcagc cgcagcccca gccgcagccc   240
cagaccatcg tcgtcgcggc gcccgctccg cctccgccgt catcatcgag gcggccccgc   300
gcgacgccgt cgagctcgtc gacaagaccg tgtaccgcga ccgngagcgc tcgcgatcgt   360
ccagcagccg cagccgcagc cgcagccgca ccggtcgcac tcgcggnatc acacccatcg   420

```
cactaccgcc gaagtcatta ccgcacagcc actcgcggac aagaagcacg gnagcggcgc     480
cgcctngggc tcggctcagc ggcagcagca agcgactacg cgctcgtcga gcaagcgcca     540
ccggtcgcga tnccgcagcg gnaaggagat ccgcgccgag atccgcg                   587


<210> 7664
<211> 539
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G


<400> 7664
tttgcctcct cttgagctcg ccattcgctc tcgcatcgtc ttcgcttgct ctcgttcaac      60
gacaacaaca gcagcatata ccacaccgaa aaccctcaca atgaaggcct cagtcctctc     120
tctcctcctc gccggcctgg tcgccgccca ggactttacc ggccagcccg aatgcgctat     180
ccctgtctc aaggacgcca tcccncaaggc cggctgcgcc ctcacagaca ccgcctgcgc     240
ctgcaaagcc cgacgtccag gctaagctcc tcggcctcgt cggaccntgc ctcctcagca     300
agtgcagccc agcgacctcg caaanggctc aggccggccg ctgccgacgc ttgcaagaaa     360
naacgcccgg ngggttcgaa ccganacgtt tttttgccgc cccgggtnac nggccaacgg     420
gncaccgggt tacnggagcc ttgnattncc gaaaaccaac ccacggtttt ggccggccgg     480
aagaaccaac ncacccggag ggntgggccc acnccaccca nnttggaccg cccggggga      539


<210> 7665
<211> 521
<212> DNA
<213> Tricoderma reesei


<400> 7665
cccaactgtc tttttctaaa aacagccggt gtcctgtttt tattgatctt cagttgccgc      60
ctcaacaaag agaagccgag tgatataacc gcaacagaga cctagcttct ttccactcat     120
caatcagtcc cttgtttccc ctccccggtc tatcgaagag gcatctcaac tggaacaatc     180
acacacaccc atacaaatac aaacacatac aacgaaagcc atggctagcc gtggagatcg     240
ctgggagcgg gatcgcctca gtggcgaccg cgagagaggc cgcttcgtcg aggaggagcg     300
cgagcgggag cgcgatcggg tcttcatgag cggcggccgc agccaccgcg accactcgga     360
cgagcgcttc gaccgcaagt acggccggac gtcctacgag gacgacattg tccgcgaccg     420
gcgcttctac gaggacgacc gcttcgaccg ctcgaccgcc ggtccgacgt ccgcggcgac     480
tcgtacgacc gccgcgtcgt catggaaaag gagcgcgacc g                        521


<210> 7666
<211> 860
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G


<400> 7666
agcgggccga gccacaacta cgacatgtac cgccagcaga cggcttcgt gcctggcgcc        60
atcgccaata cgatggccgt caacgagtcg ggcaacctcg gataccaaga tttcggaagc     120
ctcgacttcc ttaccaacga aagcgaaatg ttcgacttca acgtgtcgcc ctcgcagagc     180
accatgggac cctcggaggc gctcgacttt cgtcgccgc ccaacacca gctctttgcg        240
accatcaacc ccagcaacat tgagcagggc tcatccaacg tctctccctc ctccacgagc     300
caaacgagca ccgtcggccg tctgtggccc ggcgcacact cccangctgc catggcgaag     360
gcccatgccc agcagaggca gcaacagcac atgatgcagc agcagcaggt gcagcgccag     420
cccggtcagc ccgccagcag aagcctcgcg caaaggtgcc gccaaagacg gaccccattg     480
```

```
tcgagcagaa gatcaagcag ctgcttcaga agatgcgggc ccagcctgcg tntncgcctt      540
ncgacaagct tcacgccctc gggccacctg gncaagggca agaaggatga ngaagaaatg      600
gacgaggacg agcgcctctg gtagtgagga gggnaagaag ntnacaagca aggagcgcaa      660
acaggtttgc aacaaggttt aanccgagct tttcgntnaa gaagaaaaga atacntaccc      720
angttggagc cgaagtnttc agcaaagtac aanaaaaaat gactgggngc gcaaaaccgg      780
gnctttcttn agganaacan gcgctggttg ggcttgaatc gatgnttttt gngtttcttt      840
attttcaant ttctgggnaa                                                  860
```

```
<400> 7667
cccgagcccg acctggacta tgagcacgcc gactatgggg agaatcccgc gtacggcgcc       60
tcggcggaga ggcacaggat ggcgccgccg gagcagcagc agcgcgatgg cagctacgcg      120
gttggcgccg agacggccga gggcacgtcg ggatggggat cgcgaatgag cgccttttcg      180
tcgaacccgc agaccttcct cgactcgact gggaagacgg tcgccgctgg cgttgctgcc      240
gccggggctg cggtcggcaa ggcgctggcc tcgatccgcg aagaagacag gccggagccc      300
gaaacgaacc cttggtccga aacagagag gtgcgcaggg aaaagggacc ggcgcctgtt      360
cagaagaagc gcaagacggt cgccattgca tatctgccga ctccagttca ccgacgacga      420
cgacgacatt actcatgagc atgcctccat cttgaaccac atccccggca caatgacctt      480
gtctgcatta agcttttcgt gctcatctac gcacctagct ttgaaagaca cgggtgaagc      540
cgntccanta atcgcccgct tcttcngnta gctcatcatt ctctacgttg gattgatcaa      600
gctcaaactc ccganggcaa gagcccagta cttggcgcgt cggctgaaaa caccntggtt      660
caatggccgt                                                             670
```

```
<400> 7668
atactntggc tcatcacgct tcctctcgtt tcgtttcgta ttgatacgct ctctcttctc       60
ttgaattccc caggcacctc ttgttatcaa tcatcagtgc gcattagaga cagcccgccc      120
aagatgaagt acaccgtcct tgctgccact ctggctgcca gcgttgctgc cacgccttct      180
caccaccacc atcacgcgca ccgccatgcg aagaagcacg ctgccgcagg gtcgagaagc      240
gcgctccgga tgttgtcacc gaggtcgtcg tcggagctac cgcaccgtct tcgagctcga      300
cggcaagatt gtcgatgccg cgacggccaa ggccggtctg ccgagggcg agtacatcat      360
catcggagag accaccccga ccttcgtccc gccgcctcct cctccgctgc gacctcgagc      420
gtcggcccc tgaggccca gttcgtcgag gagcccatct cgtcggcagc ggttncacca      480
ccaccttcgc ccgccgncgc gncacgacac ggccaggcac gacagctntg cgcccttcc      540
cccaagactt gaagcctgcc cagtcgagcc cgtcctntgg cgctccgggc tggacgccga      600
ctttcccagc ggcaagattt cgtgcaaaac cttccttc gaagtaccgg ggttgnggcc      660
tttgactggc tgggcacttg ggggntgggn ccggcttcaa gttggngcct aactatnagc      720
ccggatgcgc aaaacattaa g                                                741
```

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 7669
tggcctcgac agcgaccaag cangaccccg cccgtctttt gtcgggacca cgcaaggtcg   60
tcgagaccag ctatccgctc atcgacaacg atccccactt caagcgggtt atccgatatg   120
cgaaggacgt caaga   135

<210> 7670
<211> 903
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(903)
<223> n = A,T,C or G

<400> 7670
caacgngttg caataccccg taccatcaca agcatatcct cttcgatcac gtaccctaca   60
ataccataca atcacaatca tcaccatggc tgtcaaggtc tttatgacgg gcgttactgg   120
ctacatcgga ggcacggcct ttgacaaaat ctacagagct caccccgaca atgagtacac   180
gctcctcgtc cgcaacgagg cccgagccga gcctgtaaag gccaagtacc ccaaagtcaa   240
gtttgtctac gggtctcttg atgacgtcga cgtcatcgag caagctgctg ccgaagcaga   300
cgttgtcatc cacaccgcag aatcagcccg accatgcccc cagtgcctcc gncatcgcca   360
agggcctgga aaagggccac acgcccgaga agcccggata ctggattcac ctctccggca   420
caggcatcct gacctggtac gacgtcgtca acggcagaga gggcgaagcc tccctgccgg   480
accagaaata ccacgacatc gacgacatcg accgcatctc aacctcgaca ccgagccccc   540
cacagagacg tcgacaagat tgtccaggct gccgtttccg actcggtcaa gcctgccatc   600
atctgncccc cgctcatttc ggccagggct tgggtcccgg caaccagcag acgatccaga   660
tccgaccctt cgtcgagatg accttgcggg aaggntttcg cgccgntcgt nggccangggg   720
cagaaccgaa tgggattacc tacacgttga cgatgttggc gaaatggttc ttcaagctgt   780
tcgagggcag ccaggacccc gaaaagaana acaaacccg gagatctttt gggccgccnc   840
gggttctttt tnggggcccaa nggnggtctt nactttcaan aanaattgna aaagngggtt   900
gct   903

<210> 7671
<211> 797
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

<400> 7671
gcaggccgag tactttgtgc cctttaccgc tggtcagatt gcgcgcgttg gtggcctcga   60
ggccaaggat cgcaaggacg acacgattgg gccttttgcg gttgacctgg tggagtacga   120
tggtcaaaac gacgtccaat actaccgcat cactctccca acacctctca aggccggcgg   180
ccagtacccc ctcgccatct catggtacta cctcgactcg tatcgccctc ttccggnctc   240
gattgctcag gacgaacaag caatttctcg ttacgacttt tttctctacg cccatcgctt   300
accgacctt gaacaaaaaa ccgagggtca agttcttcga cggtcaacat cccagactac   360
accacgacta cccggccctg gaggcaagga agtatnccga gaagcatggc aagtaaagat   420
gcttgtacgg acccttttga cgaagcagnc cggccggcgc ctacttccnc gccaggtcaa   480
ggttcgaagt tcaccaaagc ccgtcatcca cgttgagacg cttgagagag acattgaaag   540

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tcagccactg ggggcggcaa cgttgcgttt gaggagagat acaccttgct tcatcggggt      600
gccaacctct ntttcctntt taaccgcgtc aagtggctca atctcagttc ttncagcctg      660
ctacatggca ttgaaggagc tcaagttccc tntcagaatt ggcagcgttg acccctactt      720
catcgacacc attggcaacg tgtcgacctn tcggttaaga acaannaagc caaaaggcat      780
tctggagctg aacccccc                                                   797


<210> 7672
<211> 749
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

<400> 7672
gagcgacaac gatgcgactc gaggattcgt caactcttat tcgacactca acaccaacgc       60
gccgatccga acaccacgag cgccggcgca ggaagaccac attgccaatg agatccgcaa      120
tatcagagcc ctcaacgaga cgcagtctgc attgctgggt ggcgagaaac acttcttttt      180
taccaggggt gctgggcttc acaaggattc gaaaggcatt ggcgccccgg aaaacaggtc      240
attggccact tccgaacect tttgggccac tcccttaaga agccgggcgg gcgtcaatgg      300
tggcttgttc ttggacaaga cgcccattgc gcaccccccg agacaccttt gcccctcaac      360
caggaaagaa tggggcgacg ggcgacagga gccactcccc gggacgtgag anttgcggca      420
aatggccatg cggaaccact gcaggctgga ctggctgcgc tgnccaagcc caaggataca      480
gagtgggagt tttgagatac ccgaggacca ggtgccgact gcggcaaagc gaaaaagcca      540
tggaggagga cgcccgtcna gcgggacang cgaaagccgc cagagacgaa aagcccnagg      600
aggcgcttga acggcggcga cagacccagg tgatacaagc gaggactttc gcgaccggtg      660
gttgtcgacc taacggactt tnttgganaa ggccaaagag gattgacgac ccccnttgng      720
gcgcttattt gccgangaag gttgttggt                                       749


<210> 7673
<211> 938
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(938)
<223> n = A,T,C or G

<400> 7673
nntttaagag gtcgccgagc tgctacccaa ttccagaccc acgagtccga ccgcgcccaa       60
cgagacacgg acattgccgt cgagacgctg gctatgatgc tcgagatcag caccgagagg      120
gaggtccagg catttgtgca aaaggtgacg gccggcaagg cccagctgcc gcccaggacg      180
gccaccaggc gctcggccgt gtccgcaaaa ctcgggcaag cgttccgtcg acgcccgaat      240
ccnacttaag ccgccccccg gacgaacaat gtgagcaagc acaattcgtt cccaaacacc      300
gagggaaaag ccggaattct aagttgcgaa gggttaggaa ccatgtttgg cggtcgacgg      360
cgccagaagc gttcatgctg ggcttcggct ccctctntcc ccagaaggcg canggagcta      420
cctttgggcg actcggcagc aagccacggt cgcggcgcct cgccaatggg atcttncagc      480
aacctccacg agtccaaccg gctgtctatc ctcccgaga cgcccgacgc agctcgcagg      540
ccgaagtcat cgtcggacgc catgcaccgg acagggaac gcgagggcga actgtcgacg      600
aacggggacg gaaccacgaa tggccttgga gctggcgaga gtctcttgga tagccgagtg      660
ccagcgatgc caccccttcga gctccgtcaa tggcaacctn aacatcgaac aagagcagca      720
tnagacaccc gaacccgccg gtcccggccg atgcgccgcc atntnaacag anccagcagg      780
anccgncog tcagccaaca ttcaaggacn acaaggnttt acgataccgg cgccccatgaa      840
catccatntn ggaagccana aggagnttgc aacnaaaana atgaccagtt tttaactnaa      900
cattcaaaac aagcccnttg aggaaaagac ccnaggcg                             938


<210> 7674
```

                              - 2739 -

```
<211> 115
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 7674
naggctccac ggtcntggac cncnactggc gctggactna nggctacaga acactantnc      60
ataactgata nganggcaac actaggagct cctcctatnn cctgacaacg agaca          115


<210> 7675
<211> 831
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(831)
<223> n = A,T,C or G

<400> 7675
tccttgactc gcccgtgtcc agtagaccct ttggcatcac gacggcgccg cccacgacga      60
cgctgcccat gcgcccggcc atggaccacc aacagcagca gcagcagcag cagacgaacc     120
acccgagcgg catggacctc cccagggcga cgcccgtctc gcgctccgcc gagttcaagc     180
ccagcgactt cccgccaaag cccaacgact acgcacccag ggccgccgtc gccagcgact     240
atcccaaggc gcacgacttc ccgccgcggc cgtacgagta cccggtccag gtcgcgcggc     300
cgatgcagca gctgcagtcg ccgtacaagc ccgcggtgcc gcagctgggc ctggaggacg     360
tcaaggccag ctgccaagcg caacctcaag cacctnatgt acctgcagaa ccagcggcgc     420
gcctttggct actcgtcgca ggccgtcgat ctggagtggc agattcgcgg cagacgggcg     480
tcttgatcgg cgagctgcgg acgctgcagg acggggtccn ccggatggtc aaggacgcaa     540
agaaccaccg ctggcgacga tggttgtttg gaggcattct cgcaacttta tnccttgccg     600
tgcgcaagct gtttcgncgc ggccagacgc anaagtcgnt ggtttcgtca acaacaaccg     660
agtacgcctt ccgaaagtca aaggggcttc ttgcagcgga tcaaggactt cggtgnttcg     720
gccacggncg gctggngaag catggctttt tcgnnttttc cgtcctttac gtgttcaaaa     780
cgaggngacc ttnggggtgg gcaaaaacgg ngcaaaaacg ctttaagaaa g              831


<210> 7676
<211> 159
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 7676
nnggantcgc acgagggtac ngcacgtnca ttgagaaacg atgctgcctt tgagggtcgg      60
ttccaacagg ttatcggtta aggagccatc catcacncga gaccatcttt atcctgcngt     120
ggcttgaagc ccaagtatga cagncaccan aaggtcaga                            159


<210> 7677
<211> 675
<212> DNA
<213> Tricoderma reesei

<220>
```

<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 7677
aagcagcagc ggagaaaaaa gcagaggaga agaaggcaga ggctgagacg acggcgcagg   60
aaaagcccga cgtggagatg acagacgccg agagcgcaga cgacgcgaaa gcttccgccg   120
acactgccgc cacgcccacg actgccaaag agtctgcacc caaagaatct accgaggcca   180
aggccgaaga aaagtctgag gagaagactg aggaggccaa accctccccc aaggacactc   240
aaactgacgt cgatgccgat gccgacgccg atccgtcatg accgacgaca agcccgccgt   300
caaagccccg aggaagaggc tgcgaaagcc caagcccaan gttgaaaaag nttgcngcga   360
cngcccttca tcaaatgaag tcgatctcng atctncgagc atgtcaaagc tggccattga   420
tgccacatcg tctgctgncg atcctcgatc gaagtgtcca tgtctgacgc gcccggctca   480
aangttgcca nggagcgcga cgaggagatg caagacgaac cggccgcaag cggccaagac   540
tganaccang aagangacgg cgcttgcgac nggcacccnt ttggncggga atganaatgc   600
tggtctgatg cttnacttnt gttatgacag tggcgcgacc gctttgtttc atcncaaagt   660
ggaaaacgca tcggt   675

<210> 7678
<211> 740
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 7678
aacccggnaa gggggccncc aaaccggnaa ttaanccccc ggccaacccg ggggtaaggc   60
ccaanggggc cccctttccc ttnggccttg ggaatnggcc cggccntttt tcttnggccg   120
ncccaatttc naacnaaggg ggcccgnttc caaacccccc caaagaaacc aacccggggg   180
ttcnaaaaag gttaaccccn tttcggggcc ccggttcttt ggggggcctt ttggtttccc   240
cttcggttca aaaggccttc ggcccanccc cttgggttcc cgggcccggt gcctggggcc   300
cgtaccattg aaccnacctt cggaagggtc gggcgggccc cttggtggtt gttcgnccgt   360
ggttggnacc ttggaattgc cgaacgaacg aacgaacaag tnaccancaa ttcgagcttc   420
gggccnccgg ccgccggcaa ccgttaacgt ccgcaccgcc cgnnacgtaa gcgctttggg   480
cccggcggna gcgncccgag ccacggngaa gcttggcgac gagctttgtt ccgccagacg   540
ggcgtgggca cgaaggcttc tgtttcttgg ccttgcatct ggccgtcgtt tgcaggtgtc   600
gtgggaggcc ttgcgttgtg ttcgctgata gtggatggtg gtagaacatt ttgaagtctc   660
ttttatacac gacatttctt tatcacgtgt aaattgtaca agatgggaaa gaacgagagt   720
gtgagtgaaa attaccaagc   740

<210> 7679
<211> 758
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G

<400> 7679
ctcggccatc agcactactg agcctgctct cttgcatcat caacgcttaa cggttgttgt   60
ccttccattat ctatacagcc atgggaaaag aagaggatgt gattgaggtt aggcgagatg   120
ttgagagaga ctttcaacaa gatgagaagc ccgacttctc cggcggagct gaggaggttg   180
tcgggatgca agacctcgat cctgcactgg acaagaagat gcacttggtc aacaatgcat   240
tggatcagat cggctggaca aactaccatc tgaaactctt cttcctcaat ggcttcggat   300
acggtgtaga tgcgctccaa ctgtccctcc agggcatcat tgccgtccag gccgtcctcg   360

```
agttccagcc atcgtatgac aaaggcctga ccatcgctct atacatgggg atgctcatcg      420
gcgccctgtt ctggggcttc ttcgccgaca tcatcggncg caagataagc attcaacatc      480
tccctcttca tctgctccgt ctttaccatc ggcggcccgg tgcagctccc aactgggggcc      540
cgggctgggt gtcttgattg ccgtacccgc gtttggagcc cggtggcaat ttgatccttg      600
gatcgggccg ctttttcttgg agtatntccc cntccaacaa agcaagtggc tttnttaanc      660
ttggctgccc gctttggttt tgggaatttg gatgntacca ttgcccgggc ntggnttgcn      720
tgggggggant tnatgcccca actttttttct tgntttttg                          758
```

<210> 7680
<211> 260
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 7680
```
ntatngtcgg atcggcacga ngcccgtctt acttctctcc ttggtttcct gttatcgcaa       60
gccagccagc aaccatggcc gtggcccgtc ggcggccatc gtcggccgtc tccctcacag      120
ccctcgtcct ctcctcgacg ctcctcccca tcgccgccag ccatgcgctg ccccgagaga      180
caaagaccgt cgccgtccgn gagctcaacg tggtgccctg gcccatcgng acgcccgtgc      240
ccggagcctt gccgggacct                                                 260
```

<210> 7681
<211> 537
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 7681
```
ccaatgnctt actggtnaat ccacctaagt ctgtctatcg acaaccagaa gacaacatca       60
cctacaaacc acaaactcaa actacacctc aaatcaaaca tcaacctcaa cctacatcaa      120
ccatccacaa caaaaccacc acaatggact cttcacaaat ccaagaccaa caaccgcaac      180
aaccacaaca acaacatcaa caagaacacg ccccccatcg gcaaatgtcc ttccccccctc      240
atgtcgccag ctcgactccc ccgctgcgct ccgcatccag cacacctcct cgtggaagcc      300
cagctcgctt gaccgtcgca gagctggagc tccaggacca gaagcacgcc ctgcagatga      360
gtggcattga cctcgatagc gtgcggtctg gacatcaggg ctttaccgag aggacgtgat      420
gtcgtctttt gtttccttct cccctctat acattatttc aactccccct cttggggaga      480
aagagatgtt gttgacggag ggagtcatca tgaagttgat gaatgaaaac acaaaag       537
```

<210> 7682
<211> 390
<212> DNA
<213> Tricoderma reesei

<400> 7682
```
tattcacaat gggttggttc gacgacgact ccgagcaggc tcaggcctac cagcaggtta       60
ccgagcgacc tcacgaagcc cagtggtctc acgagctcat cggaggtgct gccgcttatg      120
aggctgccaa ggcctacgag gaccacgttg ccgagaacgg ccaccccgac gaccacgcca      180
aggccaagga gatcctcgcc ggtgtcattg gtgccttcgt cgaccgcgag gttgagacca      240
agggccttga cttcatcgat cgtgagaggg ccaagcgcca tgcacaggag caggccgagg      300
cacagctcag caaccagtac ggagaccgat ggtaaataca gtcagataga ataaaatcaa      360
aaatatcgac ggtattgttc gaagccaaaa                                      390
```

- 2742 -

<210> 7683
<211> 261
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 7683
```
nagcaataan ccttccaatt ttccggcgcc accgaaactt cnagggaatg gaaaatggac      60
atgcccnaaa tggngggcaa gggtaaangc cgaaaaccnt tgtncggcca cagangntga     120
gcccgacttg agggcgttgc ggcccgccag acaanatctc ggcctntttt taacacagac     180
cgnggttaac ttgtaaccac aaccagacng ggtngacacg gcaatctacc acangccaaa     240
ggaactggag gcggaccggt g                                              261
```

<210> 7684
<211> 790
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(790)
<223> n = A,T,C or G

<400> 7684
```
tcctcccctt cgccatcccg aagaaatcac tgccaacagt ccgactcgtg cgccaggagg      60
gccatgcgat cttaagctca acgtcttctc ccccaccaag tagcaaagac taccctcttc     120
cctcagcgcc gccaggactc tcccagccct tcagcgacca tgtcatccca ggtcgcctcc     180
cagaaccggt tcgcctacct tggcaacgac tccgacggcg aggagaagcc cgtcgtcccc     240
gttaagaccg tcgacaaggt tacccctcgc actaccaagc gcaatgtcga gccccaggcc     300
ccccaggccc ctgtgaggac tggcggcaac cgccgtggtg gcccggcgga aacgagggtg     360
ctttccgtga ccgcgggctg gtcgcgaagc gcaaaccaga cccgtccac cgacgaggnt     420
ncccgagatg gtncttcgng ggtggncaag cttgccgccg tccgtggagg ccgtggtgga     480
cgctttcccc gtgagcgtga tgacagacat tcttacaaag tctggtgtcg tntctggctn     540
ttaagaacaa ggttgttctg tcttggggtg cacccanggc aacgccnact tgaaggacga     600
agcaggccgg tgaaggccat nggcgagtcc gaaaaagaag gaggaccagg cccgangacg     660
ccggccgcga ngagccncgt tgaccccgaa ggacaaaagc attttcttct tcgactacct     720
ttgcccaana aggccgaaaa naaaggccgc cttcangntt accttcaatt cngaccccaa     780
aaaagggcag                                                          790
```

<210> 7685
<211> 720
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc feature
<222> (1)...(720)
<223> n = A,T,C or G

<400> 7685
```
gcacgacatt gaagactaca agaccctgga cgagcgcagt gctgccgtca ccaaggctct      60
agaggaagac tatgatgagt ctaccccgag ggaccaagtc agctcgcgca actggttcgg     120
acgatgcgtc tttgaggcag acaatgacgt tgtgcgacgac cagttcgtca cgattacctg     180
gcccgagtct gtcaagcccg ccaagcgggt gacgattcag atggtggccc agaccaagaa     240
gcagtgctac cgcttctcct acttttacgg cgagcacggc gagatttaca cggactcgga     300
aaagattgtc gtggaggact tcaacaccaa gaagcagacg gtatacactc ctcatgtcga     360
```

```
acacaagggg catggcggtg gcgacttggg cctgacgagg cagtttgttc tggcctgcga        420
ccgcgtcaag aaccatggat gggaggcgga aaaggcacag aacgagtttg tcgggtgcac        480
cgtggaagag gtcattcgca gccacgcaat ggtctttgcc gttgaggagg cccgcacgac        540
caacacggtc gtcaactggc cgcagttttt gggatagggc gacaaaggag tagagctacg        600
gtcgcaaagt caagttgttn ggaatacccc atcgaaaagc gtcaacgggt cattgggcct        660
ttactcgtcg tttttctgga ctggatcgta catttctcaa tggttaatac atcaattatt        720


<210> 7686
<211> 574
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 7686
tcttcgagac agcacggtac acgctgttgc taattcccta cgcgccgtat tatccgacac         60
gatccagcac gaatctcctt gatcgtcgca taaaccagca tcgtcctgcg aacctcgacc        120
acagttgatg gatccggccg tctccctcac gccgccgaca tcgtttcggc tggcggtgat        180
ggcccagaat gcttatgaaa tgccgntcaa ggtcttncag gaccccgcgc catcgcatcc        240
ctccctgtcg catctctgcc tgctcgtctt cgaggctgtc ttggaggtgg tttgcgtgag        300
cttgccaggc tacatcgtcg nngcgcatgg gccaatttga cgtggacaag cagaaaattc        360
ttggccaaac ctaaatgtca tgctctttac gccctgnctt anttttacca agcttggctt        420
ccaactttaa tggccganna aagctgnncg aacttnngca attattcctt ggccattttc        480
ggcggnccan acacttcgtg gtcatnggac cggnttccat tactttggtg gccaaaagga        540
tttttcgaat taaacaaagg cggangccct taaa                                    574


<210> 7687
<211> 671
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 7687
tnaactgtcg ctcttccacc ggcttctaca tacataccac tactctntct ccaccttggc         60
ccatacatac tactactaca aaaacaaccc agctacaatc agcagcacca acaaatccaa        120
caacagccac ccgttccggc aacgcctcct cacccttact ccaactctgc ctcctcgaca        180
caacagaccg tctctctccg gccaattcgt cttccccgc tcgacctccg tcttacccct        240
tctgcgccta gccctcgttt tctcgcctct cgccatccat ccgtcaaaat gactcgctct        300
cacaagtaca acgaccgtga ccacaagggc attgccgacg gcagcgtctc tccaacagaa        360
aacttgccgc gcttctttgc aagaacggnt ttgttgacag cgatcccaaa gaagatcaag        420
aangacgggt ctggcaangg caactgggga agtgccngcg angaagtcgt ggatgaagat        480
ttccgnttac caatgcccgt cgccgctcca acagcttttc ccaccacaac ctttccgact        540
ttaagaccaa gttttgaggn gaacgaacct tgatcctntt tttgnaagan tccgtccacg        600
gaccgttga tgaaggagaa cggnaacgac cttttcaaga acggattcgg cgagagtgtt        660
acttccgttt a                                                            671


<210> 7688
<211> 843
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
```

<222> (1)...(843)
<223> n = A,T,C or G

<400> 7688

```
aacatgtgcg gcatggccgg cgagatggcc cgtcatgttc ttcgtgccgc tgtactttca    60
ggccgtcgag ggcctcagcg ccacggccac cggctccatg ctcgtgccct cgaccattgc   120
cggcatgtcg gggtcgctcg cgggcggctg ggtcatcaag cggacgggca agttctactg   180
gccgacggtc gccagcttcg gcgtgctgtt cttgtccatg atgccctggt cgtttcnggt   240
ctggcgccgc tcgctctttg ggggtgaaat gcttgcgttt tggtcgtgtc ggccgctngc   300
aaacggcggg gggcatcacc aaccatcctt natcggcctt cttcgccaac gcaagccaac   360
cgangaactc ggccgtcgcc attggctgct tcgtatntnt ttccgctccc ttcgnttcag   420
cgtcggcgtc ggcattaagc ttagcggtgc ttcaacaggt ccttcggggg caagttggct   480
tcgcgcatcg gcaacaacna cnaccccggc aaaatgaaga naaagtgcgg gcagaacctg   540
gacgccatca angacttgcc gccgttgtgg cgggacaagt gccctcacta ccgggtgcat   600
atggcgtcct tgcccgcgct ttgtttggct cggngctttc tgtacgtttg ggtnagagaa   660
tnttgaaaag agganaaatg atgctntggg tgtccgtgat gganatctac actagccatg   720
gtattgttaa caacccttgg aancaaaaga taangaatcc ggaaaacttn tgtaaaacgn   780
aagtccttgn nttcccggna tttgccatat cangcaacct tttttngnaa cacataacaa   840
tga                                                                 843
```

<210> 7689
<211> 430
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 7689

```
gagtacaagg tctttgcgag gcgtctcatt gtcgccacgg ggctcacttc cgagcccttt    60
atgccgcact ttgacggcca ggaggagttt ggcgggagga tctttcacag caagtacttt   120
aagcagaatc gggacactct cgagacgtcc aaggccgtta ccgtgtacgg agggaccaag   180
tttggctggg atgcccgctt acagctacgc catggcggga gtcgaggtca aattgggtca   240
tncgatcctt ttggccatgg tccctgctgg atcgccccnc tcatacctta cttccgttaa   300
gaaaaggatc gagaagcttg cgaacatccg cttctcactn gttcaagcct tgatttacag   360
cggngccngc cggtanacgg gcattcaacn gtttcttgnc cggnaccttt tattggccgg   420
gccntttggt                                                          430
```

<210> 7690
<211> 593
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 7690

```
nctcgnccga ttcggcacga ggcttncttt atgcttttgc aacttaattc atcagtcctt    60
tttgacatcg tttttttttg agggcggccg nctcgcacag ttntggcctt tcagtcactc   120
cttaagacaa acaaccatca tttacattct atatcgttcc ttgacnccta tattngaatc   180
tcttcgtctg cctgaccgag cacgagaagc acacgtccaa tcgctacagc ttcaactcaa   240
gaacgcana ggttcacgac tacttttnac cagaacncc aagatgagct tgtccaaget   300
ctncgtctcc ctngctcgna ctggctggca ccgccattgc tggcgatctc ccgtccatca   360
cggccaaggg ctccaagttc ttctacccca acggcaccca ggttcttcat taagggtgtt   420
ccgtaccacc angatgttgg ccagncccgg angcaccnga ctcnagcacc tcgaccttaa   480
tngacccccct tctccaagcg aggccaactg caancgtgaa cggttccttt tgnttggaaa   540
```

gcaatctggn gcacccaacg tcgatntcga acnttacgcc attcgantcc tca   593

<210> 7691
<211> 634
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 7691
nncggtcgca tanntccatg tgcggtgtca atcactcgca gcctggcccg ggctctcacc   60
agacgccttg ctgctattgc tgctactgcc antactgctg tcagacccaa gtttacaccc   120
gtcacagctt ttgccagatc aaagtcaaac atggccgacc agaccatcgt ctacaccaag   180
gatgccccct tcccctggg cccctattcc caagccatca agaccccac gggcatctac   240
tggttcgggc caaaatcccc cctcaccgcc gatggcaccc tgnttggagg gcacccattg   300
ncgaaaaaga ttncgnttgg tgctgcgaga acctcgaccg cttgtcttca aagcaggccg   360
gttnttcctt ttccaaggtc gttaagaacg accatttnta ttctccgaca tgggnccant   420
tttgcttgaa ntgaaaccgg gagagtncga aaaggttttt ctccacaagc cccgcccgaa   480
agntggngtg gcccgtnaan acgctttctt aanaaacgtt cnnctttgaa natggganggn   540
catttggccc ttgctttnaa gggtanaacg gnttgnttgg aaaaaaaang gctggtaaaa   600
aggtttacca tnggtnccct aatacataaa agtt   634

<210> 7692
<211> 381
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 7692
naaagaatct ngttagcggt ggtnttccnt tacggggttn ggnttgtggg gttggtgnaa   60
aaaattttat ngggtttnac ggagncaaac cgggnaaagg attaaccggg cnggatttgg   120
gtttgaaaan aacccaggaa ttggggggtt ttggggnaag gggcnaattn aattttgggg   180
gcntttngtc ttgancccectt gcggggacca aatttnggtt naaggggaaaa aattngggaa   240
nggaggaanc tttgtnggaa ctgggtttcc ggncggagga attcaaggaa ggggcggant   300
aaatcctnaa tngggttttn aaattcntac cattgganga ccaaaaaccc ccgagggaaa   360
aangattaat tnatgnatgg t   381

<210> 7693
<211> 721
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(721)
<223> n = A,T,C or G

<400> 7693
ggcatcagag ggcagacact ccctcatcca cccacaagcg gaaactcgac catgcggctg   60
ctgcgtctaa agacgagcgt gagacagaca acgacgtgga cgaagaggac gaggtccgga   120
ggaaacggag cagacacgca tcacccgaga ccggccgcag gaagccacag ggaccctcgc   180
agggcgtcca agtccagatg ccctcgcggt caacaacgcc cgccgactcg caacactctg   240
gcagttcggc agcggcgacg gcggcggcaa agtctacgac gaagctggca acctctcttc   300

```
cctccgcca ggccagcaac ctggcaactc cggcgtcatc ctcctccatg agcatccaac     360
aagaagcacc accacaacca caaccacagc cacaacaacc gcaaacgcac cccccgcaac     420
ccccagcagc atcaacatcc caaaaccaac aacaaatcga cgaagacgaa tgggccgctt     480
cgaagccgac atcgccgccg aaaccgcccc tacgacgccg acgccgtaat ctnccgtccc     540
gncatgaccg ncgaggaagc ccgccgccgc aaaggangnt ggttgctgtt gctgctgctg     600
gttgagcaag gaacttttcg agaacccttg aatnttcgca agacaaangn cagacgcnga     660
cattgaggac nagcgcgaan aggctacncn ggcgcttgga ggangagttt gagganatgc     720
a                                                                     721


<210> 7694
<211> 271
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G


<400> 7694
gggccttcta ccgacggcgt gtagtcccac atgacgaggg gaatttcttg aggaaacaag      60
tttctcgaaa aaagttttca aatgcctaaa gcgagaatat ctatccgagc caacggtgct     120
tactttttt tctcttttgc tnccttcctt tctttcttt ttctttctt tctttcttt      180
tttctttctt ncttccttcc ttncttactt acttccttcc atccttcctt cctttcttac     240
ttcttcctgn cttccttcct tncttcttct t                                    271


<210> 7695
<211> 394
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G


<400> 7695
nttttnagac natcngccga gggagcttca tcaccatcat catcctcatc atcgccatca      60
tcgncgccat cagcttacac tcacacgtgc agagctatcg aaaccttcct tggacgcaca     120
gtcagcaaga cgccacaaac ttgtttgacc acccgatatc atacataaag agtcgagtca     180
agacacgaca ngaacaaaga aacaaaagca aaggatacat ccctacctag acggacaaag     240
gggacaaagg agcaactaat cactccgcaa tcccatctcc tnaacgccca acagccacgc     300
ttaccggnag acacnatcat atcacaccgg gctctaattt ntttntggct tatcctcctt     360
naccggtggc tncccaccat cgggcgcctn tttt                                 394


<210> 7696
<211> 892
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(892)
<223> n = A,T,C or G


<400> 7696
caagacgttc aactcgcatc catcaaatcc attatcggat ccaccagccg agccaacggc      60
tttcgattca agtcccgtcc gaaatcgact cgactcgact cgactgaaac cggctcctgt     120
cgaggcaaaa agaccttgt cgctcgtcct gtctttttt gccctcgcgg cgtttctcgc     180
gccccaccac tatcagcctg ggccctcttt cttcggggcc acacggccga agaggcgaag     240
```

```
ccatctaggg gagttcccac ggaagccctg cctagccact cagctttgtc agagcaaggc    300
gtgtgagaag aagtgtgtga gaaaagaaag agagggagag agcgtgtgtg tggtgtgtgt    360
gtcaaaggct ttgtcgggac cggcccaagc aagacgagcc agggaagtcg gcggtccttg    420
ttccatgccc ttcccatctt tggtcctgtc cctgctcgct ccgtgtcaag cccattgaga    480
tctctaaccc aacgggaccg agtccgtttg cgtgcgtgct tgtctgcgca ttttcngcgt    540
ttccaccttc tctttttccc gtccttgctt gactctctct tcttcctttt ctcttcaaac    600
cataccttact cttgngttta ttttacccct cggatctttc cccaggccat tgggtttttc    660
ttggtcttgt cttgcggctc tgccacgccn ggaccatgcc gcctttaacc cttttcctcg    720
gtgacnggac gtcatanctt cagtcttctt cgatatcagg ttagaagana acttattgtc    780
tttccgcgga aacnaacagg aattcgtccg dacagntctt naaggcgtgn cggggctatt    840
gtttttcttg cccttccgct ggaggacatc nccttcgcct ggatngggat tt           892
```

<210> 7697
<211> 1654
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1654)
<223> n = A,T,C or G

<400> 7697
```
ccagttgcca tccccgatga cttgatcaac accgctgttg aaaaggagtc tgaggcgctg     60
gagaagcccc aggccatcac cgagcgcgtc tggggcttcg cggcccgtat cgatcccacc    120
gtcaccttcg aggagtacca gtactgggcc aagatcgaac gtgaggagga gtaccaggcn    180
aacctcgagt tcaaggctga gcacgggccc cgaaccgtca agagcgtcct gcttggcncg    240
cttctccang ggcatccacc acgagaataa gaagaaggcc gaggctgctg ccgttgctgc    300
tgctgccgct gccgatgctg gcgatgcctc tccaacagat gagaagagcg gcatcgttgg    360
cgcgccgcag aagagcgtga gcctcccgac tgaggcagaa tggaagcagg cttctcgtgc    420
catgcgaact gccagctggg gcaccatgtt ctacctcatc acgactgaca tcctgggttg    480
gtcgtcaacc ccgttcgtct ttgccagtgt cggcttcggc cctggcgttg ccctgtacat    540
tgtctttggt gccgccgctg ccttctccgg ttacatcttg tggaaagtct tccttggcct    600
cgactcgtct cgctaccccca tggtttcgtt tggtgacacg tactttcgcg tgtacggacc    660
gtttgccgcc actttatcaa cggttgccca ggccatncag caatttcatg aaccgncngc    720
cgtgcntgat tttcgggcan gcgggcaacc gaccaatttg gcttcagctt gggccaagcc    780
gnagaaaaga atcctgcttc atcgcctgtc tcatcatctt catggnggng ggcatggtct    840
ttggcagcat ncgatctttt gcagcgcatc ggctggctcg ccaacctgtc cgctggatca    900
acaatggctt cttcatcatc atcatggttg cgtgcgccaa ctaccccatc gactactccg    960
ccgtgaccag cttgaacgtt gatcaagacc attgagccca ttaagctgtt tgccggcctt   1020
tcccccggac cagtaccaag caagcaggcc acgggcttcg ccgggccatt caaacggca   1080
ttcaaccaag atggtgtaca gctaccggcg gtggcctgct ggttcattgg ccttcctcgc   1140
ccgagatgcg ccacccttgg gacttttgga agggcatgct ctgcgccag acctttatct   1200
gcatcgtcta catcttcttc ggcgcctttg tctatggcca ctacgacag tactctgcct   1260
ccaacatcaa caacgtcatc cagcctgtga gcctgcagac tgcgaacaac gttctcggtt   1320
tgattaccgg agccattgct tgtctcatgt acatgaaccg tcggcatgaa gacagtctac   1380
gtcgaagtct tccaggagat cctcggcctg ccccgatcac gacccgcagc ggccgntggc   1440
tgtggtacgc cctgggaccc ttntactggg cctcgccttc gtcgtcggng ccgncgtccc   1500
aacctgaacg gnatcttccg natcgtcggn gcccttctna ttcttaactt cactacactt   1560
tcccggqcat tctqtacatt ggataccgca ttaaaggcgg acgcccgnct tgcccgggga   1620
gggcttttga tnccgtgaac cgcgtgacga cccg                              1654
```

<210> 7698
<211> 493
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(493)
```

<223> n = A,T,C or G

<400> 7698

```
cgtgctcgcg tcttttgcgt cgaacncggc tccatgccgt ggcaggacgg cggggctgtg      60
gcgttgacgg cgacgggggc gtatgtcctc gcgtacctgg gcctgtcgca gcatccgccc     120
tttggagttg ttgtcttctt gctcgtgttg acncgggttt gggagcgggc tgataaatgg     180
gagctggaat agctgggttg ggggcttggt ttcacgggag cacgctgctg ggctttctgc     240
atgggttctg gggggctggg gctaccctgt ctnccatctt ggtttgtcgc ttcctttttc     300
ttcttcttgn cgttgtttct ggtgtgctca ggctttattt ggcattgtta gtaatgngat     360
ttaattactg atgccctgct gtgtagatta cgagaattgc gaccaangta gagcattggt     420
ngatcttcta taccatgana accgggcttg cttgngtcna ctgccangcg tacatnctct     480
tttggnacac gcc                                                        493
```

<210> 7699
<211> 206
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 7699

```
gagactcttc cagacaaaaa gatccgctca actcgaaacc gtcaccatgt ccggccacat      60
cctcaccctc agctgccccg acaagcccgg catcgtccac gccgtcaccg gcatcttcgc     120
ctccaagagc cacaacgtcc tngacctgca gcagttctcc gatcccgtna ccaacagctt     180
cttcatgcgc gtgcactttg acacgg                                         206
```

<210> 7700
<211> 322
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 7700

```
cttctacaat gcagttgatc agctccctca tctgtctctc cctctccgcc tccgtggccc      60
aaagcgccat cnccattggc aatcaaataa gagaaggagg aacgcactac aatgtggcgt     120
ggatcgaggg catcaaccca tgccaagccg acgtcgccat cggacccgag agcggccgcg     180
agtgcaacaa gaacttccga cttgacggca ccgactacta tctcgtcgga tgtaccgatc     240
ccaacacggg ctacgcgcag aatccgcaga ngctgaggcg ggtcaaggat gattcgctgt     300
atngaacctg tgcgcctgtg aa                                             322
```

<210> 7701
<211> 160
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 7701

```
ncggaaaggg cnaaccccag ctngtacaca naaatacccc gacacgcgtc cngcgaaaag      60
tcgatacaaa ctaaggtaag antgtcggaa gagntcgctg aanatgcttt agntccctcg     120
```

canangatcc gcaggggnct ttggtnggat acatggaaac   160

<210> 7702
<211> 657
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 7702
caggagacga gctatcaggc ctacagggct agcccctatg aggacagctc gatgggccgc   60
caccgcagcc cgctctatgc gcaggacaac ggcagctcgt ctggcctggt gcacaacgca   120
gtaggcccgg ccgtggtgcc ggcaccatat cgagacatgt ctcacgagcg agcgccgagc   180
ccoggcctcc ctagcggcta ccacaacgtg gccctggatc gggctcggag cccaggggtc   210
ggtgtgccgg cgccagtgcc cggcccagga atcggcgggc cgcgggata cagcggcctg   300
cctcagcagg aagacacaga gagccaggag atggatccca tgcagtacaa ctactttaga   360
gggggatccn ggccgacaaa gcctnccgga cagggctggt aaaggaagag aangaatgtg   420
aatagacngg accaagatga tgaagaaaag atatatattt cttgtatttg acacagtggg   480
ttaactgcat ggcgttttgg atttagacta natggccgag accatgatga attgggttga   540
aaaataggca cggtgccttt gacattttga gattttata tgaatacaag tttatgtctg   600
actttttttt tggatagcga aaaatattaa cgacactttg tatattcnaa aattttg   657

<210> 7703
<211> 270
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 7703
atgcatgcac ccactctcac atcggctacg agggcaccga cgccttgacc caggtcacct   60
ccctcaactt ctcaaagtcc gaccgcgatg gcttcaggat tntcacaaag gtnatgatcc   120
tgcaccccat ngccgccggc ctcaccttct tggccttcct tctctggctg ggcaccagct   180
tcctcggntc ctttgtcgcg tccttcttct cnttnctggc ctttgtcgca ccgtcatcgc   240
catggcctgc gactttgccg gcttcgagaa   270

<210> 7704
<211> 673
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 7704
gcnctcgatg ccgagacgga nacgtcccag tnttgnatga tnccgcnatg gggcaccgng   60
tacctgctct cccacccgga cacggtcant catgtatcgg tcgaggagct gaaacagccc   120
atgcttacgt ttggcggcca cttgctctcc ctgctgggca ctcctcagtc cggatctctg   180
cctttgcgac tctcgacctt gggtcgcatc cgatctactg acctgttgct ccgtgcatcg   240
tctactctgg gatccnttgc gaagattgtc tnttgccttg ccttccattt cgatccctcg   300
gagcgtcgca gaccggtggt ctccaagaac natncatcaa cctggaactt ggtttgcgnc   360
cgatctttgg cggacccgaa ngacttgatg cattgcnaaa aatggccgag gaagaggcan   420

- 2750 -

```
aaaaggcttt tttttgagaa agcatggnng gacaagntgt atttnccgga caacacaaga        480
ttgccgtcta cctgccgttg cttgggccgg cgttgtgccg ttgatctggg gctnatcaat        540
ganatcaaga actcgtcaan gaggcnaaca anaangcctt ggatgctana ancaagaaac        600
atcagtagca agcttggcta nattngtttt ttggttatac aataataaaa aaatcccacg        660
gtgccttta aaa                                                            673


<210> 7705
<211> 544
<212> DNA
<213> Tricoderma reesei

<400> 7705
gaagtgtctt ccctgattcg cacctcgatc gaggagacgc ctgcggggga gcgcgtgctg         60
gtgctgggct gcggaccgga cggcctgatg gcacaggttc gcaacacgac ggcggcgtgc        120
atccggtccg acgggccggg cgtcgagctg cactgcgagc agtttggctg gtgatgccgg        180
gatatggcct tgtgcttctg catcatttcc ctttcgtcta tctgtctgtt caataacgtc        240
gttctgtgcc tctagaaaag tgtttttttt ttctttgtct cgtcacattt gcagcatctg        300
tcgtcatgtc cgtcaaggct ttctggagtt tgggtcattt ctttgcatct ccggtgagat        360
ggtataccat gtcttttcct gttccctctt ttctgttgtc gtttcggagg aaatgagcca        420
ttccttgata tatggctctt gtatatatat cggttctcct gatttcgctt ggcgaaacat        480
gtacatatga tgatataaaa gtgcgccata ttatgttcat atgttaatat aacacaaagc        540
atgc                                                                     544


<210> 7706
<211> 407
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 7706
gattttcgtt tccttctctt gttcctcttc gcgccttata ccctcgtcgc cttgatcctg         60
tgtctcgatt caaattcttc acctctcgtc ttccttctcc tttgtttttt ctcctcgccc        120
ctttgcgtcg cttttttccc cgatctgcgc tccttttctc aacggcgctc gtgacccgat        180
tacgacatca ccaactctcc tcaaacaccg ccgtttcctc cgcgctgcgt gaattttttt        240
agcaaacaac catcgcaatc atgtctgggc gttacgagag ggtaaatgcc cacgaagaag        300
acgaagaaca tgatgttcac agcgccgacc caaatcccaa ctnggcaccc cggcggttca        360
ctccgggcct tcttggcgac acgaaatggg cgggtcaaca acgatct                      407


<210> 7707
<211> 624
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 7707
ctttaaaaac ctgcgtcagt tgtgcttctt gactttctca ccttcgtctc acgctgtcgt         60
ctctgcgctt ccgactctcg tctgctcagc gctgcagctt ttccaatatc tgcctcctgc        120
tccccaactc tcgacgctct atctgatgga cggtctactc ttcgacaatc ccatcaatcc        180
atcattcgac gctctcgcac acaacctcgg ctcatccaga ccaaagcgca aacgacgtg        210
acgcagtctg tgttttcaag cgaatcgaag gggagaaacg agaccggcta cccagggctg        300
caagaccagg acgaagtgga cgtctgattc ccagccattt ccttgcattg gacttcggac        360
gccggcgact ttggtcaatc atcgactatc tagcttggag gntggctggn caacagaagc        420
```

```
cacatcagta gtcgacctcg caagaaccga tatctctttc ttccttatcc tttcaaatcc      480
acctgcacaa agccttgnnc acaagtgagc atctcaaaat gatgaaccac gcccgagtca      540
aagcccttca agggcaacgg gaagacagtc ttcaagaagg cgatcaagtc gggtcgtgcg      600
tcggggcgct agcacgccgc gagg                                            624
```

<210> 7708
<211> 662
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G

<400> 7708
```
ncgttntcan aggacaacga gctgtcgcgc aaggctgtct aggagatgaa ggaagtcata       60
gtanacttgg agcaaaggct cgtngacctt cgcaaggacc ccctcagcgc aagcgacctc      120
ctcggcgatg gcgccaaccc cctgggcggn atcctcggcg cncgctttgc caatctgctt      180
gccgacgtgc cangcccccc gtcaaaangg gcaacgaana aanccctgga ccttgacggg      240
ccttngtgcc ccaagaaaaa aggccanggt ggatgaacgc cnaacccgca accgncaatg      300
gttaagccca aggccgacga cnagtctacc gaacttgaaa ccaanaggac caaggtcgag      360
gaggaacanc aaactgtgga ggcgganaag taatctatcg gcgcncttga tcaatttcca      420
cttttntggg ttccancatt cgaggaccaa actcngatga aactttattt gcaaatttgg      480
tttctntttt tttggcttgg gcgancccat tttgaaaacc cgattccccc ttttaanttn      540
gggggggaaa caaaaaggaa aggaatttan ggcgtttgga aaggaaaagg gggatnggca      600
aaaaaaactt tgntntgaaa aatgcttttc caaccaacca attaaccaac naattncccn      660
tt                                                                    662
```

<210> 7709
<211> 413
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 7709
```
caacttcacc tacaatgcaa gccactagac gacaagtatt atcctcggcc cagcgccttg       60
ctgctggtgc ctccaacaga ctcacacgac cagccattgc acgatcagcc ctcaagcccc      120
tcctcctctc agcagccccc tcagcacgac tcctccccat ctcaatagta aggacatatg      180
ccaatggacg tccaaaccca ccaggaggga cccatnggat gaacatggga ggaggtgang      240
caggagaagc ccgngctgga acagtacggc gtggacttga cagncaaggc tcgcgagggt      300
aaagnttgga cccggtaatt gggccgagac gcagagatcc agccgtcaat ccaagatcct      360
ggtctcnggt nggacaanag aaacaattnn cggtcccttn atcnggaaaa tgc            413
```

<210> 7710
<211> 322
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 7710
```
ttttcccect aaatacttcc atcaacaccc cccaaactcc tcgactctca gtcaccgcga       60
```

```
ctcgaccgac cggaaaaatc atggaggagg agcgtctttg gaagttcagg aagcccgagt       120
ggctcaacag catctgggcc cggaacgctg gcgtctacgg tgccggagct ctgttctccc       180
tcgccttcta tgtcatgctc gactccgccg tctggtccaa agtcggncaa gaaacggatc       240
caacgttcac cgtcaaaatt ccgtcgactn ggctggccgc tcatcttttc caagcctcgg       300
gcatgcttaa tcaattcaac tc                                                322


<210> 7711
<211> 861
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(861)
<223> n = A,T,C or G

<400> 7711
ctttttctgct tgcctcgcct ctgacactgt cagccacgtc tcttggctac gctgtgccga        60
aaaaagaagc cgttttttaga ccagtttttcc atccttgctg tgggcgttcg cgttccgttt       120
gttgggagca tatccgccgt cgtaccttgg ctctctttct tctgccccgt gcaacccgcc       180
gcatctactt gtactgcctc ccagaccacc ttgaggtctc gaagccatta cgacgactga       240
cgccccgaga cgagcgacgg cgagctctct gacgaagcac cagtacgagc gcgagcacga       300
gaacgagcgc attggcgatc tttgtttttgg ctccctgtcc agcgccgaat tgtgacgaag       360
atacaccgcc gtcggtcgat tgcgcaatat ttcacccgcg acctcggatt ttactcgata       420
gcctcaccgg gggcgcctct cgtgatatcc tctacctccg cggaagtagc ccgccctttc       480
gccaatcccg ccatttctcc cgaaaactca aagcggcgtc tcctgttccg atccggtcaa       540
atcctntctt ctacccggcc caagaatatc atgggcaaat ngcagtcaaa actcttcgca       600
ggagcaagct cgccgagctg gaagaagtcg acttnatttt gatnagaaag gagttgagca       660
gngggtacaa aaggtttttt gaaagaatgg cccttcggca ttgctnttca aaagaggagt       720
ttcagaaaaa tttaccggna ggttttccat ttggagaccg ngttcgttgg ccgattgtat       780
tcaacgggtn catagcgaca agtttggnan cattcgnctt taagngttat ttgcgccctg       840
agcggtaacc accnggggaaa a                                                  861


<210> 7712
<211> 905
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(905)
<223> n = A,T,C or G

<400> 7712
catctctcct tcagaaccct cttcaaacct agaaatttcc acctctctct ttcagctgcc        50
tgctgccatt ctctcaagcc acacgcctgc tttcactaca cactacaact tttctttttaa       120
ctctctcttc gctcctttga catcatctac cttacctatt cgcgccagac aacctcattc       180
aacaactgct tcgtcccttt gcaacgagcc tcttttgcgc ctcgttttt tcccgtcctt       240
gtacaacaca aacaaacgac ttcgataccc aggctgtaaa tcggctctca acagaccaaa       300
aaaccacaca atcacctttt attccctcta cgttgtcaca ttcaaaccat ggcatcaatc       360
ctagggcaaa tcatcccct cgtcatcggc atcggccttc ttaggggac cggctgggtc       420
ctttaccaag atctanccttt tccttcgcc gtgatgcgcg actccgcctc cgagcgcatg       480
ggccgcagca acgtcgtctt cacaaaggac ggcgtccgcg tcggcgtccg ggccatgcag       540
aacgaaaagt acgtcgacaa gacgcagagc tacgtcgtca aggcgtggaa cttgggcacc       600
gcgcagaggg acgaggaaat gaaacgaaaa ggctcgaaat aatgaagccc gaggaggaga       660
gtgaggaacg agcttgagct tggggatgat ggcaatctcg acgaattgac atgtgacagg       720
agagcgcggc acgtgcaagt tacttgaact gcttgcagtg atgggaaacg ctgagtacct       780
ntaccggttc tnttaagggg tcgncatgca tatcctatga tgnaactntt tnttatnttg       840
naaccgaatg caccnccttc ccgataccaa ttccattaca agcatttga tganccgcaa       900
aaaaa                                                                     905
```

- 2753 -

<210> 7713
<211> 349
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 7713
ngncgccgag gccaaacccc aagctgatct tccaangagg aagaagagac tgccgccacc   60
accgangccg ccccgtcatt ccttccgtcg angccaccac ttcccttgcc gtcgatgtca   120
caaccccttgc cacccgtccc actgaaacca cttgangctt gttgtgacca acggcgaaaa   180
ccaagaagga caanggagaa gcccaagtct ttccttgcct ttacctttgg caagcgtgac   240
aagtnttccg ggccccggct tccganggcc aaggananant tcacaaaggg gccctttttc   300
aagcttcgtg ctacattaaa ggcaanggcn ccccaanct taaggacaa   349

<210> 7714
<211> 372
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 7714
nagngcgccg antcggcacg aggtaactct gctgcgtcct tttcgctttc caccgctgt   60
tcttcctctt cctcctcttc ctcctcctcc cgccaatgcg ataaacgcat ccatctctct   120
tctctcttttc cgctcttgca tcgccgatat cgtcaccaac acgcccttgc agtactctct   180
gccctctcac caacccacca cttnttccct ccctcgtgcc agatcgngca acccgactcc   240
ctngacctcc cacgcttcga agcgcgcatt ccgctgccgc cacccccga cttcacgata   300
gctntctcaa tcctgccaat ccacccccat ccggcccgtc gcgatggctg acttcccanc   360
caaatgctcg ac   372

<210> 7715
<211> 545
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 7715
nncgattcgc acgagcagtg cctgccgtcg ctaaangatt ggacccgaga gggaggagag   60
aagaagaacg ttctggatgg ccttttgcga ggatcgctat gccagcatng gcnccggttg   120
gcccatgacg atcgacgaaa aggacatcaa gaccaacatg ccttcgtcgg acgaagcttt   180
cgacatgagt cgtccggagc agacgcttac tctggaggaa tgtacgagcc catctggggc   240
cggcaagctc tcgtcctttg gcggcatcat cctcatggcc tgtctgttcg gccgcaacct   300
gattcatcta caccggcccg acgacgacga cctcgaccac gacatcaacg gcccgttctg   360
gaagcgccat cgacaaatgg accacattct cctcaacaca tctctctgcc tttcctccca   420
ccttnaagct tcccgccggc ctggccaaac cccaacggtt gtatttacca acatgagcat   480
tcacacgtca acgatctggc tttcaccaag gcagccatct tnaaagcgga ggcgaaacaa   540
agctt   545

- 2754 -

<210> 7716
<211> 660
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 7716
gttgctactg cccctgcgtc aatgagggat gaagggatga agctgctcag ttacacccac   60
gtgctcgcgt tagagcaggc catcagcgtc atatcctctg gcgtccccca agaacaaatg   120
ctgcaaggag cgggcgttct gtcccaattc ctcctggcct ccgcatcggg cctgtcgcca   180
gtcgacacct tctatcccgc tggcctcaac gacacctcgt acatcagcaa cagcgcgctt   240
ggcacgtacg gaggcactta cagggcgccg gccaacgagg ctttgcaggg ctcttcatat   300
ggcatctacg actactgctc gatgccgcat ccgcgcgtga gcgagtatga gatgcccaaa   360
ggacccgtaa ccgccaagct ggtctatctc gagtatatgc agagacacca gaggcgtacc   420
atgtacaatc tggcccctgg tggagagaac caaccatttg attgctcaaa gctttgaagc   480
attctcatac ggcagtcaag cacacggcac cagtggtctt caggtctacg ccagcgtcta   540
cacagacccg aacaacccgt ttgtcgatgc tcttgccata cgtcaactcg acatgcttct   600
ttcctcagtt gacactggcg gctctngacg gngtccaaca cgggaaggat ctntgggctt   660

<210> 7717
<211> 669
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 7717
cgcaccagag aaggacgaag accctgtgcg tcatgaaggc ctctgggtta ccatcacgcc   60
gaccagcagc gctagcccat tcttcgacac tctgcttgtg cttgtcatca gcccccttggt   120
gacgctctcg attgtgtacg ccctcttggt cttgcgcgcg aggattcgaa ggaggagatg   180
gcgggccccc aagtccgtgg tcgagcgtct tccagtcagg acctaccaca ccgttgcccg   240
ctcgcccagc atgtctccca gagtgccttc tccgggcagc gcaacgccga cgacgccgtt   300
gttgcagcac aacaacagtt ccagcccgcc caggtcgaga cctcgctcca ggacgaccac   360
tggggtcttg gaaagtgcaa acttcctggc cccgactccc agtgacctgt cactggcgcc   420
gcagaaccct cgccctaccg ctcagggcac gaacgaggag ccgtctcggc agagtggaaa   480
aagtacatgg gaaggcaggt ggaatgcgtc gtctgctttg gaggagtaca tcgacggcgt   540
gaagtaaggg taatgaggct tccttgnggc cacgaattta cgccgactgc atcacccctt   600
nggttgacca ctcgtcgacg aacatgtccc atcttgcaaa gggggatgta gttccgctct   660
ttggcttcg   669

<210> 7718
<211> 703
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(703)
<223> n = A,T,C or G

<400> 7718
ggtcgaggcc tttggcgcgc agacggtcca catggacctc atctacgacc atccggtgct   60
gcagcagcct ttgctcctcg tccaggaccg gtcatcgtgc gcctttgggg gccgatacac   120

```
gaggcgggcg cacggcaacc tcaacgtccg gctcagcacg ggcgagtgcg acgccaggaa      180
cctgcggctc gacgactcgc ggcccaagga gtgggcgtgg cggagctccg tgtgccaccg      240
gtgccgtccc ggcgaggagg tccagccggc cgaggactac tgccggttcg gccagtcgcc      300
gtggcatctc atgtgctggc actggccggg cgagtggccg acaaagtgtc tcataggagc      360
catggggtgg ctctgcagct gtcgtcaagc gtgagttttt ctttttcttc ttccattctt      420
ttcttcttct tctcttcttc cctttctcgg atgtctcaca tctacttaca tacataccta      480
tactactaca atgagaatgt atgtattata taagatatat ggagggcatc gacgtcctat      540
acgccacaaa cacgttccac accgcagcaa ggnaatgatc ctnagcctcc gtcattctct      600
tccgagcgnc ttgccagcat cgcgtcggtg ganctgctgn gggactttgc gccctttcca      660
ncattcaccc ggaggnggtn aagccgccgt tgtcggacat tgg                      703


<210> 7719
<211> 590
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G


<400> 7719
cggattgaca ntgccaaaga cgtgctgctc tgggcgaggt catcatactt tggcctagaa       60
gatatgaagg ccaagcaagg ctgctggaca tgtaaacgtg ggttcactgt tctccagctg      120
gcacgctctg gcggcagcag ctcggatgcc tctgctgaca ggtgccgtaa aagagcggaa      180
aataggggtgc gacagggatc tgcccgtgtg ccacaactgc acccgcacgg gtagacaatg      240
ccagggctac ggacttcgtc tgctgtggcc ggatcgccat gatggccggc gcaaggacag      300
tggtttcgtg gtctatgagc ctccagagaa cccgctcgag gcttccaaga gctacggagt      360
gcacttctca acgtcaatca caatgatgtc gctctgcgct ggacccgaca tcttacaatg      420
ccctcatacg aaaactgttg ccaagcctac acgggctctc aatctctatc cgacaatgat      480
cngccaagat gctctgttca tgtcctacta cgagcgcgta ttgctccgat gatctcgaca      540
cttcaagtcc agaaccgntt tccgacagat ctttgtccag atngtgttat                 590


<210> 7720
<211> 717
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G


<400> 7720
cacatataca cacacccgca ccaatggccc gaataacaag gatgcggaga ctccagtctc       60
tgcaactggc cgtcccatca caatgcgccg ccgcaccccg accgtccttt gccgccgccc      120
gcgccatctc gacgaccagc cccgcgcgca gcaagaacac ggactggatc cggggcaagc      180
tgtggaaggg cgaggccccc ggcccggccg acccttacac gcagcggatg gagcccgagg      240
cgcanacaaa cctgccggag gaggcgctcg agaacagcag cagcaagcag gtcgcgccgt      300
gacaagacac cggccancgt gccggaagtc gaggctggcg cttgncggca ggaagacccg      360
aggtcgcggc gguaaaagga ncttgaaggc gtcggacccg acgtacgttc ctcttgcgga      420
cnccgaaagg cttgaaggaa aattgggncc nttgagcacg tggtgggaac aanccggcca      480
cttgggccaa gaagagcgag ttcaagggct tttggcaacg cccgtaaang gtcgtggana      540
aagaaggttc ttggangtgt attttgcaac gggccggtgg tggaagcnct tggccttnaa      600
caaaaaaggc gtttttncgg aatgggcntn ccaaaaaatt gttccaaggg gggggccaaa      660
gggccaaaat ggaacaancc cctngttgtn caagtggagg tccaggatgg caaaggt        717


<210> 7721
<211> 241
<212> DNA
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- 2756 -

<210> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 7721
tctnggncct gagagctggg gattggangg caacttgctg tgcgcacana tagagaaacg   60
gngtggacgc gtgatgacag acagcggaat agacattcct cgcccgactt cgataccgca   120
tccagataca gcaactcgtc gagacgaagc cgctcgccgc gcggatacaa gcgctcgcgc   180
gatgacaggg atcgcttccc aattgccaga gcccgagatc aagactctcg acgtggccgc   240
g   241

<210> 7722
<211> 692
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

<400> 7722
ccgggnttct gcgccgngnt gctatcgctg gctggcaccg catgactcct tagttgccgc   60
gttcttgacc tgcctctcct ttcattgntc tactttctga acagcctttg atttcttcca   120
ctaaagaaga cctggtgtcc tctgttgcgc tctcttccgg aagagaatct gcccgttgca   180
ttcacgcaca tttaccgacc agacaaaacg catatacctt atatacctta tatactctcg   240
catccaagca catacgcaac tcactcactc actcgatcct cccacacaac ccatcccaac   300
aacaacaacc tactcccttt ccatcatgca cttctcaact gcttccgtcg tcctgggcct   360
cgcctccctg gccgccgncc agctgnccgc cgtcgccatc gttcagaaga tcgcgcccac   420
ggncacgtcg tgcgccgact cgagcgagtg ccgacggtcg agcaggcggc gccctttatc   480
gcaagagcat gtncgactac ggcatctaca cgacgccccg agatggccgc catcggtgtc   540
cctgatggcc ttttgagtcg gtcgagttca aagtacaagc acaacgtgtn gcccggccgg   600
gccggncang gcaccgncaa catgcagatg ggcgcagttc aaccttggcg tacgccgctg   660
ancattccca gccttaangg ccaggntggc ca   692

<210> 7723
<211> 976
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(976)
<223> n = A,T,C or G

<400> 7723
cctacacgct tcctctcaat ccttgaacac caattgttgc tctagcgcct atccttcact   60
catcactcgc ctcgtacact aaactcttca tcccgaacag acacggcttg acacaatggc   120
accgccaccg ctctcctaca ccaaggnggn tcactcaacc acctaccctg ccatctntnc   180
taactcgccc gccctgtcaa ctaatggcaa gggcgncctc atcccggtgc ctntggcggn   240
attggccgng ccacgcgcgnc ttctacgccg tttngggacc gcgagctctt attcttnttg   300
gacgccgtct gatgccttgg cccgaaactg aggccctcgt gcggtccaag aacgccgatg   360
tagtcgtgca gactacaag gtcgacttt gcgacgcacc agccgtccgc gacgtcttta   420
acaaggtggc agccgaattc ggcggcatcg acattgtgat tcatgctgct ggcgtcctgg   480
cccgggttgt tccccttgtt gaagctgatc ccaccacttt tctcgatggc tacaagacga   540
ccgttgtggg aacgcttggt ggtggacagg ctggcgtcct gggcaacaag gagaaggagt   600
ttacactcgt caatctcaca actgcgggca ttctcttccc cgcttttccc ggtatgggtg   660

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cctacgtgag caagcaagaa tggggggcgt caaagcttct tcaatccttt tggtggcgag     720
aacccttaaa gtgcgccttc acaacgtgca ccctggaatt cctcgacact tgccattgtc     780
tgcccagttg tccaanacta ccaagctgcc tttgattacg acacatctct ntttccgcaa     840
actttctcgt ctggattgnt ttttccgang gcaaagttcc ttcaacggna angctttgtc     900
ttttnttgct ngggaccgtt gatganctta aaancccgcg agaangaaat ngttnggggg     960
ccttctggga accggg                                                     976


<210> 7724
<211> 812
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

<400> 7724
gatcttatct cccccaacat cccgttcgac gaacagggca acctggttaa ccaagctccc     60
ggcgcacccc ccctcgagca ggatctcggc tccatggcac caccgggata cggcgaacat     120
gtgctcgacc agctgtatga cgagatggac gtcaccggct tccagacacc ggccgtgcat     180
tctggattca acagcccctt ttacggacac tcacgggcag gttcctcgga gaacttggca     240
gccttggcca acagcgcacc catcacgccg gcggcgctct cgtctcggct ggcgagcgtc     300
tactggatca gtcgcagcgg aatagctcgt atcaatccat ccaggctgca tctggccgca     360
cctccctacc cacggaacca gtcacacgtc tcatacgccc catccccac agactccggc      420
acatttgagt cggacaaaca gcgaagagga ggaagccagt gctcgaagct cgggagaacg     480
agcccaagta gataccggcc gaattcgcca attgaatcga gtgccgagct attcaactgc     540
ggtcaagacg cccggcacgg tctcggacct ctactggctt ctctgcccca gactaccaaa     600
cggcctgagc gctccgcgga caccggcgaa catggagctc aacggcagca acgacgccct     660
tgtcgacgat agctgagcac gcacttggcg anggccaaga nacgcgcgag ccgcacatgc     720
naagcgttgn ttgggccctg tccccttcga tgggccggtn tcagtcggat tgacaacttc     780
gatacattcg ganggtacat ntgttccggc ca                                  812


<210> 7725
<211> 168
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 7725
ntgaacccag gngggggggg gggcccaatc aatttnttaa ataaacccaa ngtttnccca     60
ggggntgttg gaaaaaacaa cctcccnttt tgggnttttt gcccaaaant ttgnatgggt     120
tnccnttcgg ggntgtttca ggggccggtt ttccctttn nacccaat                  168


<210> 7726
<211> 484
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 7726
tctttctttt tatgctctta ctctcctcct cctcctcttc tgctccatca ttcgcagcat     60
```

```
gcccgtgtcc cgcctgacgc cctcataata accaactaag ccgagccaaa acctccactc      120
agacaatgac gatatccgtc gacgagcctc gaatgcacgc agttcccgct ccctccatcg      180
ccgtcatggc cagcgtcaac ggcctctcga ccgagggcaa caaccaccac caccacagca      240
acaagaacca cgacaagcac attcttcctt ccattctnca tcacacccac aagcgcgagt      300
ccggcccggc atacnggtcg ctggacgang cgtgcgtcgc catganggcc aaggngggac      360
nctttttgnn gaggagcccg ggacagcgct tgttgcggan ggcncagaac aggcnccctg      420
tcgntgcctg tntggaagaa gccctggaaa aantcggccg gaggancttn tttatttnta      480
caac                                                                  484


<210> 7727
<211> 707
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G


<400> 7727
cgacgactac gccatcgccg gagcgacgtg cgacaacaac aacgtggaac gatgggcagc       60
attcatgaat gccaactatc catccatcat cactgatgag atcccctcgt tcaaggcaga      120
tcgcaagacg aagctgtaca ggggcgttac ctcggcaaac acggtgtatg ccctgtggat      180
agggacaaac gacctgagct atacaggcat cctcagcgac tcgcaagtga agggaacaaa      240
catcaccaca tacatcgact gtctttggaa cgtctttgac gcgatccacg ctgctggcgg      300
tcgccgcttc gtcatcctca acaataatgc tctgcagctt acggggctgt accgtcccgt      360
tgtcagacgg aggagcgggc gacaattaag ttctggcaga acaagacgct ctacaaccag      420
accgaatacg cccagaagat gctcgagtac acgacttcgt caaatacaat gatcgactac      480
ggngtgccgt tncattttgc tcgttaagaa tcgctggccg ggatccaagg gtgcggngta      540
ttgacataca cagccttatc atnggacatt tacaaccagg cccagccggt atttggacct      600
tccnataatg tcgngggcta ttataagcct tgngacgtga atnggaacaa actgtttgta      660
tgggcccggg acgccttgat ttctattttt gggtattatg aagttgg                  707


<210> 7728
<211> 704
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G


<400> 7728
agcctccctc gccacaatgt ctacgtatgt gcctcctccc tgaacgcctt gcggtacggg       60
ccagatgccc gatctcgatt tgtttgcaga ttgtcgtggt cctctcgctg ggcagtcgat      120
gaaaaccttt tctcaatgaa aagatcgatc tgccagctcg atccctcccg aggcgtctcc      180
ctcagttttt cagaatccgg gagcattgga ttttgcgggc tgagagacgg cgccatgggg      240
tgttggagat gaagaatggc aatttttattg cgccttctct ctcaaatcca ttgtcgcaca      300
agggtgattc gcagggtctg aaatgacccg attgcaattg ccccgcgata tactctgtct      360
tgggcaagat tcttctcttg tctggggtgt tgtcggatga gcattccaaa ggccttaacc      420
gagcactggt tggaatatgc gtgcccgttg tcgctgtctt aacgatcaaa ttcaagctcg      480
agtcaagccc tggttgaaga atgtcncntt tcaactccag gtcttgcatt cggcgctttt      540
ggttncanta tgaaaatatg gccggaccta ccgtactaat cntgattggt ngaaaaataa      600
gcttccgtcc ntaccaacga acaaacattc cttggtcccc tggaaaccnt ngttcaagaa      660
acccaaaga aaccnggaaa aaaggggttnc cncttaaacn tgct                     704


<210> 7729
<211> 637
<212> DNA
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- 2759 -

<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 7729
tnantcctcc ccngngctct cgcttctgga tccgcaattn actctcctgc gcctgccggt   60
cgtttttaca taatctgtct ctcacagtat cattggtcta cccctcatc acnaagcgcg   120
tcttctccct cgacatatta tcacatacaa cagtcaanat ggtgtncctc aagtcacttc   180
tggtcaccgc caccatggtt gccgtctcga tagctaagga ctactacatc gatcccgaca   240
gtgttccttt gtcgacaaga canaactggt gcanctcgga gacgtcgacg tgccccatca   300
tctgccanca caccaccaac aagaagacgc tggtcaacga gtgtnatcct aaaacattga   360
gctatggctg tntctgcggt gacaacaagc agccaacatc tacgaatcac cctgacgctg   420
ccattcttca tctgccaaga atacgtngtt cagtgccgaa acaactgngg aggagacaac   480
acttggcctn taactgcgcc gaggacaacc cttggggtgc cctgatccca agcggacaca   540
cnaccggcac tggtacttag actacgcnga aagcaccttc ctacagtagg ccnngacacc   600
atcttcaccg gtaccccgga ngacgcaana gcaacag   637

<210> 7730
<211> 875
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(875)
<223> n = A,T,C or G

<400> 7730
gtatactcta tcgcgacctt ctctgccttt ggccatttgc aaagcaagca aacagctggt   60
cctcggaaca agccttcttt catcgcatcc gcctctagtt tggaaacttc cccttcgcac   120
gtaacccgag cgatccgtcg ggttctatca ccatgacttg gaccgtcttt caagatgggc   180
gaccctgccg agttccatat gcccgcatgg ggctggcctc tcgtgctcct gaacgccatc   240
atcctgcttc ccatttctct tctcgtcaac tacacctgtt ccacattatc ctgtcttcgc   300
catcattgaa gatgagaacc ctcctgccta cgagcccctc gccatgcccg ccaacggaga   360
tggtcttgat gangaggcgg ccgntggtct accgcgaagc ctaccgatgg cgccggccgg   420
acagtgacct cctctcttcg ctccattaac cgcttctgac ctcgtacggn ggattccgag   480
ccaacttccg tggattatgt gcgctctacc cagtccggct catcagcatc gtcgnctcat   540
cttctcgtgg ggacctgtcc ggcccttggc caactgtggc ctcgctggtc atggntaatt   600
tggactgctg ggttacattg gcatttcgca gcctntctng gagggtctgg cgccgctgct   660
cttttnaagcg cgccttcgat gccacttgga aggcatcggg ctntactggg ctgngaacca   720
agtgcaccaa ngggtcccc tttgntggcg gacttattgg cttngatgnc ccgacatggc   780
aacttgacgt cgggcggngc ttggacctnt tcggacggga aatgggtatt gaacaaagta   840
ccggtanatc tcttaaaana agntgggggt ngggn   875

<210> 7731
<211> 849
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(849)
<223> n = A,T,C or G

<400> 7731
ntgngaggcg tgctacgccg gctttgtcca gacgagggac ctggaccgct tctttcagct   60
gtcggatcga gacacgtaca ctgcctacgt gtgcgacttt tgccccgcga gcccgcgctt   120

```
ttcgcagtac atgtgcaagt ttggcgagat gctggaccgc ggcgtcttct cgtacctgtc        180
agactttatc atgacgtttg ccggcgtgcc tgcttgtcct cggatcaagg ggagcggcaa        240
ggcgaggtgg tggggatatc ccgaggccct cttctgccac gagtgcttcg tcgactttgt        300
ctatcagacg ccgcttggag agtcgctgcc gatcaatggc gagtacatgg agcaggccac        360
aatctgccag atctggtcgc acggatgcg cgacctgtgg ctcgaagtct gcagagcagg        420
tgaccccggg tccgaagaat cggagctgcg ctggcgcaat tcaagacgtg ctgcgtgcag        480
aggtttcagg tgtacgaggc gacaatctcc caattgagtt gatccggacg atgcaggaca        540
ttaaaccggc aaacggcctt ttccacngga tgctgacatt ccggtacagc ggcatggaca        600
gcatggcgac gatnttcggg aacngggacn ggcacaggca ttggaataca gcttgggtgg        660
ggtcaacacg nctatngggc gcaatcgaac cngactggaa tgttttactt aggggctttt        720
cggatccnaa tcggacngag gactggtggc ggatccncac tngaaaatnt ntggaacnag        780
gttaagaagc ctttgcctat gggtgggcca tgaatggnng tttaacattt tgtttaacca        840
taacccana                                                                849


<210> 7732
<211> 458
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 7732
tgggccacat gatctccaac atcggccgct acgaatacca tgaagacttt gccgaagaag         60
ctcacaacct gctgcgagaa attgccctca acgtcgcaaa ccccggtctg gcccgcgtca        120
ttctgctgca gcgattcaat gacagcaaca tcgaagccaa catcatctac tacttccgca        180
tcttggcggn ccactacctn aaggncaacg canccatcta cgacgacttt gcggnccgac        240
tttggaggca ttgncttcgt actgntccca atcaatcgac attggcaacc gcgagatana        300
gcatntgggc attggcggnc tggccaactt gctgntnaag cccatcgact tcgnnctaaa        360
gattgnatac ctngaccgna gnccgggcag ccaagttaac cgctaccgnt ttccggaaga        420
agncaaccaa gnaggagccg gccgccttgg gccacgct                                458


<210> 7733
<211> 699
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

<400> 7733
cgaaaggttc ccctcgtgga agctcagagc gcccccaaag gtcaaggcgt acacccacaa         60
cctccgcaac cagccggccc agacctttgt tcagcagctc aagccctatc atgggcggct        120
caacaacgac aactggttca aggtcatggc taggccgttt atcctgtttg cgtaccccgc        180
cgtcctctgg tccgccgtca tctactcctg ctccattggt tggctgattg tcatctccga        240
gaacctggct gtcatctacc gtaacccgga cggatacaac ttcacggctc tccagaccgg        300
catgtctac gtctcgccct ttgtcggcgg catccttggc actggcgtgg ccggtaagat        360
caagcgacat cattgtccgg gccatggctc gtngcaacgg gggcatgtat gagccaanag        420
tttcgcctcg tcatggccat accgatcctg atgaccacgt gcatagggct catgggtttc        480
ggatggtctg cggangaaaa ggacaagctg gattgtcccc accatcttct tcggcatacc        540
tcgtttggct gctcctcggc tcgacaacgt ncatcacctt ttgcgttgac aagctaccgg        600
cagncgccgg cgaaaccttg gtjacgctca actttttaaa gaacgtgctc cacgggttgg        660
ngttcatctg gtcatttccc aatggctttg ccgcggacg                                699


<210> 7734
<211> 389
```
- 2761 -

<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 7734
```
ntcgggaact ttttggnccg cgtgagggta ttttcttacg gaaagggngg gttccttcac    60
atgtttcgcc aaaacttttt acgggcggaa cggtattggc ngtgccaggt tctgttggtg   120
ccggtctggc tttgccacaa agtcaacgac cgcaagaacg ccagtgtgat ctgtacggng   180
acggtgcaga accaaggcag gttttgagnt ttcacatggn taactgngga actcctgttt   240
gttggctgca gacacaagtt tggatggcac ttttgtgccc gtctttgcct tgaccgntct   300
acaangaaga cagtaattcc cggtttaagg caacggnatg gatgtcntgc cgtaaaggcc   360
gcgtcaagta cggnaaggaa tggaccgtc                                     389
```

<210> 7735
<211> 799
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(799)
<223> n = A,T,C or G

<400> 7735
```
cgatttnttg cgtacatgaa ggaatgtcac ttgacgcatg cgccatccgc cgctctacct    60
ttgtctctgc tgccgcaaga cgattacact gcggccgaga tgctccagta ctactcgaag   120
cgcccagagg accgccagac gaagcctgtc cctgatgtga accccgtcaa ccccaagctc   180
attgacctgg cgtattccaa ctccctcgtc ctgcagctca tcattgccca aagggtcaat   240
caccgcaggt gtcatccgcc atgttgccga ccggcgaaag ggctgaaggc ttctacgctg   300
ctgcattgcc gagttcgggc caatgattga caagctacct ggcggggaac gagcaggata   360
tgcttccgct cactntggca aagcctggtc atttctctna ccgagagggc gcggcttgac   420
aaacgtggtc aagctcacaa ccattccacc gcaccatggg tatcttgaag acactnttga   480
cccttcccca caaagcagat gtgtaaacag gtccgcctat cttgctggag tattacatgc   540
atgctgcttg ctttgcatgt gttgcaccga tgtcaccaag gcggagtcaa tttcatttat   600
gagcgagnac ttcgaaacgc cgtcgacaac tanttcaagc gaaatatata ggcaagctnt   660
gngggaactg gctgncgata tgggtggcga caaaacatnt tttaacttgg cattaaaatg   720
cggncgttgn cgataccatt naacgccccg ggggcggnc atcaccggtt attacccnac   780
cactttgtac ctttgggca                                               799
```

<210> 7736
<211> 478
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 7736
```
ctgtggctca cgatcctgta cctcgacatc aaggtggcca tgtgtaccgg aatgccgccc    60
cttacacggc cggacgagct cggcaccctc gagaagattc ccgaatgggg tccgccggac   120
agtctccaga tggtgctgta ccagtcgctg ccgaccgtgc tggccgtcat ggcgcagatc   180
aattccaaca aggagcagat ctcgtacccc gacgtgctgc gatacaatgc ccagctgcgg   240
gagctcatga gccacgccca gcgggtctgt accggacaag ctgcagcgtg tcacggtcga   300
catnttcttg cggcggtgcc tcatggtgct gcatcgttcc tttgcctgca cccagagggc   360
```
- 2762 -

```
ccgtatgttc ccgagtcgnc tggtcgtcct ggaatgcttg ttttgcctgt ggnnataccg      420
cagatngggc acgacccgat ctggctgact ngtcgncggc ttngctactt ttcccct          478


<210> 7737
<211> 612
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 7737
ctggagctca gcctacaagc cgtggaaaag ctgccgaacc agcagcccat ttccgatgag       60
ctcccctga gcctcgatat ctcccctgcc tccttgaat tcgttgaacg agtgattgat        120
ggcgagctgc agcgccaccg cgccattgtc cacgtcgaca acttgcgcaa gaggcagtcc      180
gaggctgtcg aatacgaaag cgaccttccc ctcgtggaga agctgcaaga gtatcctgtc      240
ggtggggctg atctcaaccg catcgtggaa ttccccccgc gagaggcagt gatccccatc      300
aagcccatct tcctcgatgt ggcctggaac tacatccact accccggcaa ggaggttcag      360
gcgggcagcc atcaggcggg cgaggttgcc atgaggccga gaaacctgct caaaaggcta      420
aaaagaagct ggttcggctt tgggaggtag aatagtgtca attcatccgc atgagttgca      480
cactgcaaca gaatggagcc agaagaagaa aagaacccct gattgcaatg agcttagtct      540
taccgcaggc atgcttgcca tatcttcatc tactgatgac tattacctac ctaaatgact      600
gncgactttt tg                                                          612


<210> 7738
<211> 704
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

<400> 7738
ctgaccgaga ccaggcagcc tgtcgaaaga ttcccccccc cccccccccc ctctgattcc       60
cggtttgctc ttctcggatc aaaggcagcc agccattgac ccgggcttat ccgacagttg      120
cagagaggga aagcagaaag gcatcaaatc tcgttcatgg aaccggctga tgctcaactc      180
gtatgttgca aatggcctga gcgcaaccga gtcggccatt gtcgcagctt gactgcaatt      240
tcgccccgtt gaagaagccg gccctcaggg ttctcttttc ttcttcttgt cgttgctttc      300
tccacaagca tgtgccgagt tttgcgtgtc tntcctgctg tgactcgagc tgcgcgtttg      360
gcgatatcct tgtttgatgc cagtcgccgc cgttggtgga accgtgtcaa aggggctgct      420
gctggccttg attgatgctc accgcctgca tctntgcgtt gccttcgcat caatgctgca      480
aatgcagctg cggatgcaaa atgcttgaag ccaaaactga tcaaccactc ggtccgccat      540
gacgcaggtt tttgcccgtc tgcgcccttc accacttgac tggcagtcgt ttggaataac      600
acgggcgggg tattcaggtn ttccgacgnt cggaacttgg cagattcaac ngcngcaaaa      660
nccgatttna aagaccnaag naaaagaccc cattaaactt ccac                       704


<210> 7739
<211> 590
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G
```

<400> 7739

```
gctgcgtact accagaaata cccggaggat gtcgaggttc tgcgccagat tgctgcttac    60
atcgaaaagg agggcgggga gcagggcctt cctttgcctg gaggaggctt cctgacggtg   120
cctcgtctgt tgactatagg cattgccctt ggattccacg gaggcatcga tcagatccat   180
gctgtactgc tccaactcaa ggcctccctc gaccaagctc gggcttcctc acacgggcct   240
cccttagccc tcctcgaatc attcacccccc tttgacacaa accccatcta cgcccgtcct   300
caagaggcgc tctactgcna cggacccggc agcgtcttca actggggccg cctaccgcgt   360
cgnaaggccc tgtccagttc ttctggctcg ctagcggcaa cacnggcgct tnctcctccg   420
tgccagtcga ccaacctctg cttttcgncg gcgaaanggt cttcccttgc actttgagac   480
gtatccgaac ttgatcccct gccggccgtt gctgaaccgg tggctactgc gtcggaatgg   540
ccccgcctgg atgatgtcaa ccattgcgca agaatgangg cctgttatgc                590
```

<210> 7740
<211> 833
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

<400> 7740

```
cagaggaaaa gggatcagct ttcattatct ttcaatctta ccttgtacaa catagaggtg    60
ccgctcaaca gctctcataa catctcgaat caagcaagaa tcgagttctc cccccctcagc   120
tccagttgaa actcataggt attactctct cacgcacgca caggcggagc tgcgataaaa   180
cctacaacac ctctctccat catggcaacc gaagtgtccc acggccgcgg cggcgcgggc   240
aacattgacg tggacgatac gaaatatgtc gacggcgagg tggtgcgcac cggaatcatg   300
ggcagccatg gtgatggcgc attcagcgct ggccgaggag gtgccggcaa tatcgccgac   360
gtagggacca cgtcgaagca tcgcaacgat acngacgttg tccccgaagc tgctgttcgc   420
gtgagccaag atgggcaagg ataccacaca aggccgcggc ggcgcaagca acgagcatcg   480
tgttgacgac ccggctcatg caaaagcctt cggctgtggc gccggtcggg ctggcggaca   540
agctcaagtc caagttgttt ggcgcattca aacactaata ggcgacttta ctatcgggga   600
ttgcgaaatc gttgcggcca gaaaggagag aaaaacaaag cattgtcggt aggggtgttt   660
gacnatgttg ggttatggat tccgccagtc cccttggtg gaatacacat atgatatccc   720
cgtcgttgag tttcaatttg gcccacttga gttatattgn tattgcgaag gctgncattc   780
caaggggatg acccnaattn taagaagcng gaataaattt cttgagtcaa aaa           833
```

<210> 7741
<211> 673
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 7741

```
ggacattgaa ctgctcatat tatcttcttc aacatactca cacactcgac tcgaagaaaa    60
gaacaccgtc atgagctcct ctctaccgcc ctttgcgccg ttcccaaagg cttcgtggcg   120
gcagcacatc tccccagatg agtgggaagc tctatcagaa gcttggatcg ccctctcaca   180
agcctatctc gacctggacg atgccgcatt caaaaaggag gccacagacg acagctctct   240
aacgacattt gtatcgacct ttgcagagga ggcggcagca gcagagtccg atgcaaagac   300
aacaacaata gcgtcatcat ccccccggct cctcaagacg atattccgcc tcgcatcgcg   360
catctcaca gcctcgccc ctcctcgtct nctagacgcc cgcttnctcg ccggactatg   420
ccggatattc caaagaatca cacaagcgcc tctgctggcg cggntctttc caacagccac   480
gccggccgcc gntgtcgaat cctttctgct cttcctcaag aagctctcat nccgcanctc   540
gacgcccgnc agaaaggggg atctcaaagc tcgtcgaagc ggggagctna cgccagcttg   600
accccgntgn tgacgccttg cccgacgcgt gcatgctggt gntcgcgggt ttcgacttct   660
```

tcnacnggct ggg

<210> 7742
<211> 396
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 7742
ngntcggcac gaggcacaaa cgctcttgtc acgtcttcca ccatcagcct ctcgacctgc   60
ttcaggcatc aagcatgtct ggccctcccg cccaagaggc ccctgccgcg ctctcgatcc   120
agccactcca gccgccgccg tctccccaga ctcatcgtgc cttgcgacgg cttcagtctg   180
ctcacgccct gggagcccga gctgcccagc aggcgacnct gagctngcat gcagcgccgg   240
ggagcgccct ctgtcgccga cccggaacgc ggtngatgcc atcaatgcta tngccaaacg   300
ctggngggca gttccnaatc ccagccacgt cgccaacgcg catctagacg tcgggncana   360
cgcgacgggt gcggtntcga gggncgtgcc aacagc   396

<210> 7743
<211> 649
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 7743
gctccatgcc atccgacgcg acagacgagc agaccgcgat aggtctgacg ccgagctggc   60
ctatggcggt cgccgtatat cgctcacgtt caggcacatt ggcacgtttc tggaccgtga   120
cgagaccatc atctggggcc agggagcgac cggcaagact cgcgacgctg cgcacgccat   180
caagaacggc cagagctccg acgccgtaaa catgatccgg gcatttggca tggaaaacca   240
tgcgtccgac tttgactggg acgcccatta cggcggcggc tttgacgtgc tacacattag   300
caactcgccg aggttctttg cctcggcgga tcccgtggtc aacatgcgga ttgtgctcat   360
gctgaatgaa ttcggcatca agttcgcaag gggagcatgg cctnttgtgc aaacgcccac   420
agnaacagtn aaaggcagcc cgtcaacgtt ctggtcnccg gncatnaagt tcgtcganaa   480
ccgacgctgn cccgatccgt ngtncagggc ganatggcca tcatgctgga tctgactntc   540
ggtatggccc cggncgcaat taccgaggca ggctcnggtt taanacaatt taaagaagct   600
tggcantctt ttacagccag ctgcagnaag ggcttaatct ntttgccca   649

<210> 7744
<211> 330
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 7744
nttaggcgcg attcgcacga gcgaattcag cgtcaggtcg aggcaaacgt cgagagcgac   60
atcacctgcg agatttccct ctctgggctt gtgacggcgt tggttccagg gcggttcgat   120
ggcagcaccg nacccgagac cctatacatt gagcatntcc gcatacagtc tcgcaagtcg   180
aatggcgtct ggttcgncag tgccgccacg gtgtatggca cttntagcca gaccattctc   240
tggaactaca agatcccgga cgacatcctg tcgttctcca gaaaggaaac agtgccgtgn   300

<210> 7745
<211> 420
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 7745
```
cacgattacg gcttgggaag ggcacgcaaa tcgaagatgg gcgatcctgg cgctgtgccc      60
cggctcccgt gcgggggcca atgggaagct gccagtgtct tctctggcgt tctctgtccc     120
ctagctggcg tgtcccagcg gtcgccgagt ggggctcagg gtcctgctgc anctgcaggg     180
tcttggttgg cgagtcggcg gcgcttgacg taatttgacc tcatgccacc cccaccgct      240
gacatcancc cccnggtcgc ccgtgcnctt gatttnttcg tcnaaccttt gacgcgcctg      300
gcttgcttna atgacagcaa ntgaacnaan agcccctntt gcnatgcttg nngcgtttcc     360
natgatgccg ccncgtcnca agntgaaaac naaaaccaca ccgngaaacg tcccccttc      420
```

<210> 7746
<211> 478
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 7746
```
tcatggaccc ccttgcctta tcggccccga acgacctctc ctctcactgg cagcactcat      60
gttcggtcac ggtccgctgc tagcattggc gccgcgccca tgggccgcac ccagtccatg     120
cctggcgtca ctggctccgg tcatctgctc tactctcccc agtttcgccc agccagcccg     180
gcgcagtcgc cgagccgagt acgcacgccg cggaagccag tggacgagtc gtttcccatg     240
acgtctcctg tacgaacgtc aagttcttga ccacgatcga gtgcctgccg acaggagcgg     300
ctctcctgtc tgggtgttta gccaatggaa ccttgactcg ggcccgtcga acctcgtcgc     360
cgattaggaa ttacgcccag tcgagcaccg gctctnttcc aacttggcca ccacaccaac     420
atcgagctcg tcgttttttnt acagaagcgt acgacccctt ntntagcaag ntatgggg      478
```

<210> 7747
<211> 672
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 7747
```
ggcttctgct tcccgttcat caagtcgagg catgtccggg cgcagctggc ggtttgcttc      60
gtggctgccg tgttcctgtt ctcgctgctg gcagtgtgta agtggatatc ggatatggac     120
attacgactt gtcttggtat atgtttgctg acattggcct tagacttggg cttgaccctg     180
acaaaacatg tcgtcattgg cgagctgaac atcatgttgc tcatgatcat ccttctcgca     240
gcccgtcttc ttctgctaca ccctcatccg gctgtggctg atcattcacc cgcggcgacc     300
cgccagatat cccccgagcc gtcgacccgc gcggatatgc cgtccccgga cccccatacg     360
ggtggtgatg gccaagacga ggaggctgcg ggcgctgaaa acgagacaat gacgatgaac     420
ccgctgctac ggactttggc nggagaatgt gccctggacc caaccgcttn ttntggcaac     480
```

```
gtaacgatgc cggcgagccc gcccttcgaa aacggaaacc ngaccgaagg ccgccgctta      540
ccctttgatg acggngtatt ctatgtgggt gatgcnggggc ttcgtctggt gcttcatcgt     600
agatgggggaa cacaacccgt acatccttng aacngggtcg gcttggncag cccccccca      660
ctngaccaat ta                                                          672


<210> 7748
<211> 109
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G


<400> 7748
ngagattacc tgtattggac tacnacacca tgtattnttg tntgggtnna cggcgggatg       60
gngctanact gtgtctcatt ttagatttac acgaattgct acnaatgta                  109


<210> 7749
<211> 758
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G


<400> 7749
ncgnaatctg gnttttttggn cgtggcncaa attcttggaa ttcanncact tccgggtnct       60
tcnaccccga aatggtctta caaaataaac aattggaccn ggcgcccttt tttcttcccg      120
ctttggccca ctttngggct tcccgaacaa ggaaccaaat tccggcccaa gggccttant     180
tccttggaac aaggaaaaaa cccgggtngg gggtggggcn aaaccggttt tccaaagttc      240
cccttggcca nttanccaaa aggnaaccaa ttggttggcc cccaaggcca aaaaaattcc     300
cccaaaatta tttctttcna aaaccccaag gaaaaacctt tcaaagaaat gggttccttn     360
aattccttt gggggcnttt atttggtttt ggggntttng gggggggttg gccccccggg       420
aattccaant ttttgggaat aaggccaacc ggttaattgg ttcccttgg aaccggggaa      480
aaaacaaccc cggaacttgg ggcaaggtgg ggtnaaacct tcaatnggga accgggaacc     540
ancaattncc tttngggtca aaggctttcg gtggttcttc ggcnaaggaa aaaggtaggc     600
aacttnttga agccttgaaa tggcannaaa gcccttcggc caaacgtttt ggtattcttc     660
gctattcaaa acattaagtt ggcntactct tatgangntt gtctggttct cgatttcagc    720
tttatatagt ttatncaaac agtcattatt cccttgng                            758


<210> 7750
<211> 189
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G


<400> 7750
nctttaanaa cccccaagaa attggntgtg gttgaccctn nggacccccg ggggnttttt      60
naaaccttna ttggtttcca aanatngcca atggggggccc cnattangga aancccttncc    120
ccngggttcc ttgggttncc ccagganttg gtttaagggg gccananttc cttnaaactt     180
ttttgcnna                                                             189
```

- 2767 -

<210> 7751
<211> 381
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 7751
ncctggtcca agtcccncca tcaacaatng tagccctcat gtgcccatta tcatccgcga   60
cagcagttcc cganacagtc cttttnacct gtgccaatcc tccctccggn ttccgaaatc   120
caaacctgcc cagaacctgc cgcccaaagt accaacccat ctcccgattt accggcccca   180
gcatgggaga aagcatttgg gctcaaccca cgtccaacaa aggctagagg gcctttacca   240
tgaatagtag gagcgctcgc cttgcgtaca antgctcaaa aatgtcccgc acaaaaaggc   300
cgccgtcaac atccattntg gnttggaacc cgatcactct tgaatcttcc cgtaacagga   360
gtnccggggc ttcaaatgct t   381

<210> 7752
<211> 656
<212> DNA
<213> Tricoderma reesei

<400> 7752
ctgggtaaca agtattccat tggcaccttc aatttccagc cattctttta cctgctctcc   60
tgaagcaacg gacaatgcca cccttctggc agctcattgg tgaaggactg gcgcgcgctc   120
aagaagaggc tgccaggcac atcaccccag agaacatcaa catcgccgtc caggccgttc   180
gagatggcgt cgggcacgcc gtggagcagg tgaaccagca tgtaacgccg gaaaacattg   240
aacgtggtgc tcaaatagtt cggagcggta ttgatatagc cgttgaacag gctcagaggc   300
acgtcactgc tgagaatatc aaccgtggcg ctcagatcgc tggcgaaggc gtccgatttg   360
ctacagaaca aatccgtcaa cacgtcactc ccgagaacat caaccgcggc gcccagatcg   420
cgggcgaagg cgtccgattt gctcagaaca aatccgtcaa cacgtcaacc aagagaacat   480
caacccgtgg tgtcgagatt gcccgaggtg gtattgatac ttgcagcgca gcacatccgt   540
gaacacgcca cccccgagaa cttttaacac gcaacggaga aactgcgcga aaacgttgga   600
gaaatagtgc aagggcccgt cggtcagaag gttgcacccg tggtcgagga aaacaa   656

<210> 7753
<211> 700
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(700)
<223> n = A,T,C or G

<400> 7753
tcgaagcgga agcattagcg gtagactccg gagcctacag atcaaggccc ccagggtgta   60
tgagaagata gaggactcgc tcaccgcggt cgaggaggtc gagcagcagg tgtcggagct   120
cagccggcga aagacgggaa ccgccgcggc gttccaggac tggatcgaag agcttcagga   180
gatggccaat gtccccgagt cgcagccgcg gtcatcgctc ctcgatccaa ccgcgcctcg   240
tcaagccgtt ccgcatgtca tcaccgagaa atacctggcc gacctgacgc ggaaactcgt   300
gcgcgcacgg cattcacgat ctcaatatgt tggggagtgg acgcggttgg tgcacgaggc   360
cgccaagctt cagatgatcc tggactcggt cgccttcaag aagctcgact ttggcgacgt   420
ctcgcctcac gccggcttct gggacagggt gaagatcttg acgcccgtat tcgcgatacc   480
tctgctacta ctaccgtctt tccatatgtg cgaatgggt ttcggtgcgc ttttggggtt   540
tccctctgct tgcatcgtct nggtcggaaa tcgcaagttt ccttccccaa gctgnccatt   600
atccgtgtca gcgttgtcca ccactgggtg gggcgacaan ggccangtng ggtttggagg   660
acaggtatcg gggcctttgg atctgntaca ttgtgccctg   700

<210> 7754
<211> 613
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 7754
```
cccggcagtg tcgttttccc tcagaacacc gaagtcggac agccttctct ggttggccct      60
gttgtcgagg ctgcctaccc taccgcctcc agcagtcttc agacgctcgt caagcccgct     120
acttcagtcg gtgtccccca gggttcccct gctggaagta agtgttgccc ctgctcctca     180
gcaagccaac ggccccggcc ggtcctccag ctaccctacc ggtggttccg gcaacgcgtc     240
gccttctgga agctggagcg gcgtgcctgt tgggccctct tcggttcctg gcattccga      300
agcaaacgct gcctccgtga tgaagtgcca gcttgtttgg cctggtcatt gngatggccg     360
ctcaggtttt tgttctataa gggagctcgc gctgnaaaac tagacatgtt caatcttgtg     420
cattttacgg atgggttttc cggcagggcc attttcttc tcagacattc ttactctaaa      480
caaagtcctc tgagttctgt attttggac tgatgaggca cttctttatt acatacttta       540
ttttctttat gncgaaaccg gctggacatg tgtaaanact tgctgnatac cttaacttat     600
gacgatgatt tcc                                                       613
```

<210> 7755
<211> 471
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 7755
```
aatcatatcc gacgtgtttc tcaccatggc ctctcagacg gcatctctga cggcatctcg      60
gaaaccccgt gtaagccggg acactggctt cccggagcca ttcgatcaat tcagcaatac     120
tactctccca catccagatg ccgacctctc accaaacgct tgtataacac acgatgacct     180
gattggcgac tatgctctca agagaaagcg aatgtccttc ttatcccgaa acaagaacag     240
gcgaaccctc acccatggaa gccttggcgc tcaaagcggc ctcgtcaaca agtgtcatgt      300
ccctatcgct gtcccggctc cagcagnagc agnccttcaa gtagtcgggt gaagcagccc     360
ctaggttgac gagtcctttg acgggcagnt tncattcaaa atgcggcagc gagagcgcag     420
aatcgancaa gaaagaagga cgagacccca ccggtcctcg cttggatagc a            471
```

<210> 7756
<211> 849
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(849)
<223> n = A,T,C or G

<400> 7756
```
acttcatcaa ctgctcttgg aatcatattg atcccaccaa cacccaacag ccaccaccat      60
gtctgaacct ctcaccaagg tcgattccgc cgtccaaggc ctgtcatcat cgccgccgaa     120
agagaagggc cataggagaa caagctctag cgcggctggt gtcatgacca ttgcggaaat     180
caacgaaagc aacgcgccct tggatctggc gctggagaca cagcagactg cttggaaaat     240
caaccagcgg ccaaaggatc ttgacaatga tcagctgcta cagatccccc tcaccaagcc     300
```

```
tncgatcaag agcataacgc tcaagttccc ccatggcaaa gaggtcgtgg ctcgcaacat    360
gaagggcctg acaataggcg acgcactgtc ggccatttac aaggcgaaca agaaccgagt    420
aagtgtcgtc gtcgcattat ccctctcccg agacggctgg ctaacatgcc tgcaggctga    480
tgatgagctt gacaacccat acctcaaggg cttcgcatgg gaacgaggcg aaaactactt    540
tgaagtgcac cttcagagcc agtcggcgac gggctcgtna agcggcggcg cggtggcaa    600
gaagaagaag aagaacaang gatgcngacc aatnaatgac ccatcaccca tcctaatgnc    660
tggtcaataa gttccttcaa tggttttggt tgggcttccc ggttccggtg cgagtcgcnc    720
ccggatattg caactagatg gtgtnggtcg gggcatattg gcgattgctg gaaacattgc    780
caatgtctgg aaagctttg naacggagng gtctgncctt ttaatggata acttggactn    840
tttnaagaa                                                             849
```

<210> 7757
<211> 868
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(868)
<223> n = A,T,C or G

<400> 7757

```
ngcggcatcc accccatcat gatgaagatt gtaaagcatc gagtgatatc ggtcacggcn     60
cggtattctn tggggcctga tcgtatgccg ggtcatctgg cccatttcgg cccgcaaaaa    120
gttcaaggag ggcgtctcga tgctgtacct tcagatgggc ctcatttgga ggcgaggtcc    180
cctcgctatc ttgcttcgta gcgactgttc cgagagctac ctcaaatccg gggagcaggt    240
tgccatgcag cgatatgcca accgactgga gagcctccgg cagtcggctg cgtccgagtt    300
cgagctccgt gggccgttcc ctatggagac gtatggtcgc atcatgcggt gtacgaaccg    360
gatattggac agtttctacg ccatgagcct tgtagcgcac cggaacagga atctnaaccc    420
gggcgagcga cgcctgntgg agtacacggc aacagagcgg gcccgttttg tgcgaccgca    480
tatgccacgt cttccaggtg ctcgcagctc gatgatgttg gagtaccctn ttgaccgatg    540
cggtcccanc cgtcaccggc atncgtgatc ngctgntcgc aagattttnc agttccnaan    600
gagcaccccg ttgaaccatg aaaaaccttg gntatgccgg tgaaggaga atcgaaaatg    660
gcgaaagcaa cccgcngcga tgccngttgn tgttgtanga acaatggtg acaatcacgt    720
canggaagtc nnggttgaan aanaaggata ttccgttgat ctatgcatac accecttatga    780
ccggccncgt tgcccacgga nttgaaaaat gcccaaanaa aaaatggatn tttttttggn    840
ggttttnaac naaaaaatac ccgttcnt                                        868
```

<210> 7758
<211> 103
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 7758

```
naaggaggcg ggacgaccgg cncttcaagt tcttaaaggn tgattcgcga atgccattta     60
nttgggcant acccaccncg atggcaagga tttggcaaac cgg                       103
```

<210> 7759
<211> 305
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(305)
```

<223> n = A,T,C or G

<400> 7759
acgtcctcga caccaccgcc cggtcgcccc gnaaagggcc ttcgcgtccg cctcgagggt     60
cccgcccccg tctcctcctc ctcctcctnc gcaacagcag cagcaggaca acacccntcc    120
agccacaacg cccacaacgc cctcaanacc tttgagtccn tcacaaacna cnacggccgc    180
gtnaccgtnt ggntgccnta canttccnag acgtccgccg gagaggtgcc cctctacacc    240
ctcnaggacg tgctcggcgc cgtcaagggg ccttcncctt gaccttgcgt ttgacaccgc    300
cggtt                                                                305


<210> 7760
<211> 334
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G


<400> 7760
gggggaang nccggccccg gtgggccccg gcnccggtna ccctttcaat ggggggcccg     60
ncggcttggg gttggcccca attcaaccga accggggttc ggaacttggg gcttggccgg    120
gcaacccccgn ataaccgccc tccctttcaa aacccgggct tcttaaccgt caaaagggtg    180
gcttcgggcg gcccttcaat gaaggggaag aagcgaaata acttcnggcc tgggaaatgg    240
gcggttcaat cttttaactt cntcgggcgn cttgaatnac cntttatttt ttcccnaagn    300
acgttggcgt ataancgtc ttgnttttaa gttg                                 334


<210> 7761
<211> 547
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G


<400> 7761
ntgnacggcg acgacgacag angcgngacg tctttcttca ngactcgccc atccgncagc     60
gccgccggct tcacnattcg catcggggtt cggtgcgatt caccaccagc ttcgcccatc    120
acgatgaatg tgctgctctc gccgcagttg ccagttttcc ctcaccagca cgaangcccg    180
catctctccc agcgaaatct ctctctcttc acaacatgag cagccgaaaa cgaaangccg    240
ncgactatgg cgacgaaagc atgtcaccca tgaagctcgc cccnccgtat cctctcnacc    300
tctcattcgt ccgtcgaaaa angtttngat caaaatgact tgatcnngac gaccgctgcc    360
ttcgtcacng cctttctgga aacactnaac accgatcaaa ctccggtctg gtcttggaac    420
gcatttgcna agcgacatcc cngacattgg ccangaaggc ggtttccggg gcgcccgggc    480
cangcgttgc tcagccatga atgtgntcag tcatatcagg dacaaagctt nacgccgccg    540
ccctcgt                                                              547


<210> 7762
<211> 336
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 7762

```
tcgtccagga ggccatgggc cactgcgccg tggcctctgc ccccagcaag tgcaccaggc      60
gcgccgtcgc cgactacttc gagtccggcg tcatcccctn tgacctgtcg ccctgcaacg     120
tcgagtgccg cccctgggac acttnttgcc cggccacgga cgacgctgcc ctncacaaca     180
atgatgacga gatggaggcc atggcctnct ggttcaacag agacgangct gtttggcaca     240
ggaaatcacc tcttggatta ctttagccct gtctccttcg ttgaactgtt tcgcaacttg     300
gcgctgctag catacatgca tgtacatctg accgcg                               336
```

<210> 7763
<211> 732
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

<400> 7763

```
cgcnngagga agaggacacg ttcctggccc tgcaagccgc cattgctgcg acggcggaga      60
atcctgctgc attcgtggca ccgagacacc agccgagtag cggcgctttt tcactcatta     120
agggtcgagc tgttcccaac gggcggccga acatcttccc ttctaccatg cagcctcaaa     180
cgcaggatcc gatcggcaag ctccaaaggg aggatgccct aagctacatc aaccaatatg     240
tgttgccgag gctgagtctt ggggctacaa gtatgggttt cccgaaggga gcttcttcta     300
ctcgtgactc agcgagcctc aactctctgg cgccctactt ctacggccct gatgctgccg     360
ctggtgtagg catttacagc tcgcagaaag cgctcgggcc atacaagact ttgccgctcc     420
gggcatgtcg ctggacgaga ttggtaaagg agcggcagca gttcgattgg caacatgccg     480
ctgatgagcc gttgaagatg ccgaagcagc tnctgacagc cgccaagaaa nagaccgaga     540
aactcgaaaa gggtctgaac atggttatca agcggaatcg caggctcttg ctcngggctt     600
gatgttgcct tcggcccttg gggtggataa gctggtcgct gaatccatga tgacgcccac     660
attggacaaa aaagtcaatt tacaaaatta gatgnattan tatatgtata aatagcaggg     720
cgnaatctcc tt                                                         732
```

<210> 7764
<211> 627
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 7764

```
caactgccac ctctcaggct gccggtggaa tgctgtcaaa gcactcccga ggtggggtct      60
ggagcctgga gcacttgtca aggccaagat atctcctcta attccccgcc agcggctgca     120
ctggatactg caaaagggac accccaagcc acccagaaag gctccgaaac tggggcggtt     180
catggctcca gacagtgcaa ncgtgggggg ttttcgtggg tctctgtcat tgntcatccc     240
ctcgatagac tcttgtggan cgcttccaca atctatgcca tgcaggtaac cgatggaagg     300
gctgcgtacc caaaggaatt catgccanta cggnattccg tctgccggtg ctcattgccg     360
gttttctgtg gcatctnatg gtgcctncaa aggaaaaaga ntccctctg cttcgggcct      420
gttctatctg catacgcnta cgtaccggga gcatgacacg ancatntacc cctttanttt     480
gcgcctntgg ccccaaantt attcggaatg tgggctttgc tacccancgg gtatnaatta     540
tttgggtcaa cgttcttcta ancaatacca aagcgtgggc ccgttatccn ccacgttaca     600
attactttga cnaaccgntt tattggt                                         627
```

<210> 7765
<211> 407
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 7765
gaggacgcag atacgccgtg gttcctggat gtcgaacccc cccgacgtgc gtcgctacaa   60
cacattgcat cgctgccaaa agtgcccgaa gatgcgcccc ctctcctcga gccgatgatg   120
aagtacatat acgaagacat gggcctagac gagctgtcca tgctggacct ccgcgaactg   180
gacccgncgg cagcactngg gcccaacctn atcatgatct tnggaacggc acgaagcgag   240
aggcacttgc acatttntgc nggccgcttc gtaccgatgg ctgcgcaaga accaccaagt   300
tggagctcgg gcggatgggc tnattgggcc cggagagctt aagaacgaan ctngtcaagg   360
ntgaggaaan aagggccaag atncttggga acccaacaca attgatt   407

<210> 7766
<211> 502
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 7766
ggcagcgcag tgttgtatcg cgactttgaa aagacaacca agaagcaggc ggccaagttt   60
gtgggcggct gcctactcac cttctttggc gtctttctca tcacctctgg cagnagacca   120
gncgtgacga cagactgacg aggaagatgg gctggctcga ggccgatgng catcgaaaga   180
gacaattggg ctgacgcagc acagacggcg gcgcctcatc ctctgcgctt cctcaagcac   240
ggcgtgagca agcggcgccc cagcctaccg cctccaaaga caccatcttc gacgatctag   300
caataatgtc gacgaagtca gtttttgccg acgcgctcaa ggtcggactt cagccacagc   360
gccgtcgagc cccatcgacc atgatttcaa ccggcaaact ccccgcacac ttaaccggcg   420
aacnaaacgc atgtgctggg taacaaaccc atggnaaggg cctntgggtg agccaagatc   480
ttccnngggg ggctcggaca at   502

<210> 7767
<211> 679
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G

<400> 7767
tcgcccactt ttcagtcgac ttcttgattc atacaactct tgatcagctc acattcgata   60
ccgctcgcta ccattcagag aatctgtcgc catggcctcc caagaaactc ccgaaatggc   120
acagaaaacg gctcagacaa ccacggttcc tgtggcgccc gctcccgcgc actctcttct   180
caagagctgg cggctgccgg ataccagcct tactaccaag cttatccagg ccaaccaact   240
gttgcgccta ctccggccga gtcaaccaag ggtgcctaca cgagactcgg attccacggc   300
gtcgtcgttg tcttgggcgc catcngcctg ggcgtgtctt ttgtcgtctt ctcgggggg   360
atgagggcta cgggattggt gcttgccgca gctnctggtg ccgctgnctg tttccttgga   420
gtctcgcana aactaatcac cagaacggtg cgtaaatgga aagccggcat tcacccggyc   480
gcgcacgtgg gcatntgcct tatctctgg ctttttgacgg ncattatggg cngcagcctt   540
gtcngcgttt gtcgccctga acgacgtttn ggacccggga cgaggagaac tgnatngtca   600
aacacgtacg aacggtaacg gnaaccttga cacgtaccna cnagtgcgan gactactacg   660
ngcactaccc gcngggcaa   679

<210> 7768
<211> 579
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 7768
```
ctgtgagtcg gctcagctca tcccgacagt ggaatccatc cacctaactc attttctcta        60
attgctttct ccccagcctc tctcttattc tttcattgag caataagttg gatagatggg       120
tcggggaggt gaggtgcggt cgagcgcgtg acttgggcca aagtgcccat cgcatcgatc       180
cttttgtata ccggcattcg ccgttgggct ttcttttttct ggtcacgaac cacgatatat       240
gtggacagca gcaggggagc tggactggac tatgctaatc atcttgacta tgcggataca       300
ctcgaatgaa gggcagggat aaaacggacg tacggagtac gaagtggatt tcttcttttc       360
attattcctt cctttttttt cttcatcttt cctctagtct tttcttcatg ctccttttgc       420
tctatctttg ctttancctc tccattgagt tcaangcaac ggggagcaag gagccagcga       480
tggcattctc tttgtctaca gcatgtgttt gaaatacgta tngggtaatg cnctgcttcg       540
tgtcaataaa tctgcngant actatcaata tatatacaa                              579
```

<210> 7769
<211> 800
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

<400> 7769
```
caaggcngnc ccacagagac aggagcgtca accgctcgtc gtaccaacag caccaaccgc        60
tctcatccag gcgacaactg cggatcccgt gagattctgc tgtcactgct gctgctacct       120
tagccaggac atccctcttc gcgcggctac gagattagct cccgagatca agctagctta       180
tagacctgcg cattggtggc cccgccctgc aatcaacgaa acccgaacag agccatgcct       240
gcaactgctt ctcaacaaac ggttctcccg ctcgtgattg ggtctttccg agttgacgca       300
gagaaagggc cggcccagct aaatagcccg naggctcgca acttgcgctc ttctgtttct       360
tacactcatt gaaccctcct actgtcactg tcctacaact tcctgcaacc ccggcttgac       420
tcggacgatc ctnactccgt cagcatgagt tcagccgccg acgtctcggc cggagacgct       480
gagctgcgga ccgncatgct tacgagcaat caccagacgc aagggnaaca ccaacccccaa       540
gttntgnggg gccaattgaa tcgctacggt tccangatgc caagatggag gattgataag       600
ccaaananac ttttggccgn acaccggatg gnacaatatt cgtgngccga ctacncacga       660
natgggttcg caagttcttg acccgcgaag gcnaaaaact ttcggacctg gtgggctact       720
attctacatt gnnaatttaa cnacatntgt ttggcggtgg ggacaancna cttgggttcg       780
cggccttttc ttttttggaa                                                   800
```

<210> 7770
<211> 554
<212> DNA
<213> Tricoderma reesei

<400> 7770
```
ctcggtacca ctttgttcgc caggagagcc tcgtggggtc cgcgtccgtg cacgctcatc        60
cgcacagggg cagcgagagc gacgcctccg tagtgggggtc ctcgtcgtcg tcgtcgtcgg       120
cgagcgaaga ggccaagaag ctgcagcacc gcgcacggga gcagcgcgtc ccaaaggttg       180
cgcccgataa agaaacaacc gccatcaaga agagcgagga cgaagcccgc cctgtcgaga       240
agctgaaagg agtaggtgtc cggagaggaa gcggtccttc tggtgctgtc actcaagcag       300
tcagcgtcga cggtgtacga gatgagtgag ggcggcgttt tgtatgcaac ttcattggag       360
```

```
cattgcttgt cacatgggcg tcacttgtta ttcttctaat acctcttgtt ggatccttgg      420
cttgctcgtt aactttcaag gcgtaacttt tggattgggg gaaccccata tgccatctgg      480
tccatggcga cgttgaaact tggaaaaata taccctacct atatagtaat acccaaacaa      540
attatcttca tgcc                                                        554
```

<210> 7771
<211> 419
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

```
<400> 7771
atgtgcagca tcaaactccc gtcaagcccg gccagccctc cgtcaacggt ttctcgaccc       60
cgcaaacccc acagcttcat cagcaaccga atgccggtcc tggtcacaat cggaatagcc      120
tctcgcgcag catggatcaa gccgggccaa atgacttctc aataccttcc ccggctcact      180
cgagacccgg aagcattgcc ttgggccccg tcgacggccc gacgatgggt gtnatgagtg      240
tcgagcagca gatgccccag ctttccccga gatcagagga atacagtcca ttgcgcacga      300
nagctttttcc acgtattggg gggagttcga ccttcattgc cggcgaaact ttgttggggc      360
gccantaagc ttgggagccg ggnggaaagc ccaacttggt tcccggcccg gnggaaacg       419
```

<210> 7772
<211> 648
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(648)
<223> n = A,T,C or G

```
<400> 7772
actgttggtc gataccgatg gctttctggc caatttccgt ggcctcacct gcgctatcct       60
tcaaggagtc gtgactgcgt ttccggtcgc catagtcaac cgttattggc gctggggagg      120
cagcttcttt gtgcgactcc ctcctgcgct ggcaatggtt cagttcagta ctttatggct      180
gcatctcatc atcgctcaac ccagtaagcg atcattctgg agacgcttgc ccccgtttag      240
acgcacctac gaggcaacat ggagaagccg tcgtcgttca ctgggcttct gtggaagtga      300
ctcgatggct gccctattgg ctggctactt atctgggcat tgactggccg cgattcaatc      360
tcctcatgcc cgacaacatt acgctttcaa tatccaaaca agaactggag acatctactg      420
tactcgaaat acgctctcgt atcttnggta ccgcatcggc tccatctgcc tcgttgtacc      480
cagccaaagt cgttctgatg ccatttcaag cgtcccttct tccggttgaa gatcgcacca      540
ttatcccttc gacagatcct ttaatgggaa aagantggcc tacaccgggg gcggccgagg      600
tattncacaa tgttgacgcg tctttacttt tacctgggca agctggaa                  648
```

<210> 7773
<211> 877
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(877)
<223> n = A,T,C or G

```
<400> 7773
tctgaaattg cagcatttct tgctctcctc tcaatccccc atgtttccca cctgaaaatc       60
ctcggcaggt ttcacatgcc gcttggccgt tccagaacct ccccgggccg ccgataatcc      120
```

```
ggtcgcagcc caccagcgcc aatcacccgt ggggcccttt gacggcaggg gtctcgaatt    180
ggagacgtgt ccagctgctg cttacctatg aacgacttga agcatcaccg actgctcttc    240
atcaaaaacc ggtgcctcgc atgtcctgct ttgcgccgct gcccgccacg tcgtcaaaag    300
gtcttggttg aggccgaatc tcggttcaga atctgcgcgc gtctgcattg catccgattg    360
anctgctgtc ggnacggtgc tgccngntct ggaatgacaa ttgcgactac tgctgctagg    420
tacctgnagc atcaaagctg taagntcggc cagctcccac aattggaaan gtttcgagaa    480
agnaggggct tgaaacgagn gacngatttt ggccgnanag gggcantatc gtcangcngc    540
ccttngattg cattctccaa ggcaaaactc tnagtatntg acaaaaatac ngangggccg    600
ncggnaaaaa tggaccggcn ccaattgctc cttngnttgc aagnattntt tcttgggggt    660
ctgagnattg gncccgattg gtggacngcc gggtttcgna acaactcnaa ccntttttggc    720
ncgtacgnaa aaaggggnna ttcggcccaa cgnaaattgt ccgaantcaa actttggaaa    780
antcggtccg gtcnaagnaa atgaaacctt gcngggagna tctnggcacc gtttaaatcg    840
ntgctaaggg accacccgtt nttnggccga acccgga                            877


<210> 7774
<211> 776
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G


<400> 7774
cttcttccct tttctcttct cttgccaaat cattcaccat attcctacac ctctacccat    60
ccatcattac atctttgaag catcatgggc tcttccaagg cgtccgatgc tgcacctccc    120
cccaggccct ctcgtggctg ggatgccacc gcgcacgaag ctctcctctt gtgcatcatc    180
gatgaagtca agggcggcaa ggcgctgatg accgaggtca ccaagaagat gcaagcccga    240
ggctacacct acagctacga tgccatcaat caacatgtcc agaaattgcg caagagccgt    300
gatactgcag gcatcgtcgc agcctcctcc gagcctggcg ctgcactccg cgcaagagcg    360
ccactccgac tcctcgcaag cgccgctccg ccaagaagga gattgacgat atggacgacg    420
ccctgagcct caagctggag cagcacgaag atgaggagat gggcagtcct tgcgagcgcc    480
cgcgtaagcg cggcaagtct ctcctctcgg ccaaatcaac gccttggata acgagaccaa    540
gcttgagaac gaggatggta ctaagaagcc acctggatgg atgccacggt tacgaagagt    600
tgactgaaga attgggaacc agttgacgcc ctttgaggtg tgggatatgg gttgaatcaa    660
agggctagct gggtcaagtg gcatctgcat taaggcaaaa aagacattcn catattcgca    720
nggcatatac cgtctttttc aagacangga atgattacat gcagaatttg accttt        776


<210> 7775
<211> 118
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G


<400> 7775
nnntcaacaa tattnccgat cgttgtgacn cgngccttat cttantcgn tctcncatt      60
gctaccataa tgttcacata ctnctatcgt cgactggtan gctacntata tataagac      118


<210> 7776
<211> 469
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
```

<222> (1)...(469)
<223> n = A,T,C or G

<400> 7776
nggaaccttt tngaaccaac ccctttttta aantttcact ngcccgccna ttcgnactga   60
ttgctttngc gtcacanaag gccaccatta aaaacaantg gcttgcattg tggaacttgg   120
cattnccgac cccnancacc gggccttta aggggaagaa ttaaaaatgc ttgatggtgg   180
tcncccaagt ntcgaccaan aagactnggc cgccaactga tcnatgactt tgaaggaaaa   240
attgcaaaaa agaaaagag gacctttgtt gcactattga cagacgtggg atcaacgggc   300
ggaaaatatg ttattctcct taagatttct atcatgggna ccaattccaa ctttngcatt   360
ttcgcactta acggttcctt gaaggacggg ccgtttttt caaacacctt tgcgccactt   420
aanttnaacc aggtttngg ccatnttgtt aagcttanaa ccttaaaac   469

<210> 7777
<211> 760
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

<400> 7777
nncaccacat cccggctgca gttcaggagc ctttccagtg atcctctaac aagtcgcatc   60
acgccccccg tcgcaacgcc gctcagcgca atccctccag ctgcatctac acttgctaaa   120
gggactcctc tactctcttc cgaatagaaa aaagaacaac ttcaatccct ctcacatccg   180
ccatggccca aaccctcgag cagcgccggc gcaacgccaa gttcgccaag gaccaggagg   240
ccaagatggg caagtcggag gaccagctca agaagcgcac aaaggagacg cccaagtcgc   300
catctccctg ttctggctcg ccgtcttgcg tttgtcgtct ttggcgggct cgtctttgag   360
ctnctgtcgc gcttcttcgg cgtctaaaat tcgaatcgat atcaccacct actccatgtc   420
gattttgaaa accagacaga acgacaggga tccaaccaga aaacacattt ggcgacggga   480
gaangaaaca accgaggaag gaatatcgaa cgcatacaag gagggccgga cnggttttga   540
catggtcaan gggcagaang cgaanatctg gtgaaaagtg agataccgtc gacgagccga   600
cactgggcgc tttgttttgc gtgcctgccc gggtcatttc cggngtgact ttacagcaga   660
cgtatnatgg ggatttacgg ggcactggca ttggacattt atnatttggg nttttacaan   720
aaaccaaggg gaaagcaaga aagaanaaac nttattnttt   760

<210> 7778
<211> 530
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 7778
aagcccacga cgctctccaa tctgctgcca tccatgctga ggtccgtgtc cttaagaagc   60
tnctctcca tgaagggcgt cagcgggcct ggccgtgtga tgcnggngtc ggagagcaaa   120
tcagcccagg gtccaagaat ctcgtcgttg acgtcgtcga caacgctgtc gaggttcatc   180
ttggcaaaag tgctgatcag ctgcccttgg aagcccgtct cgatcttgaa gatttcgccg   240
atgatgtcgg ccatggtgcc ctgtgtagtg gcgcccttgt ccaccacatt gaagatgggc   300
actttgccca tctcgctctc gttccagttg ggcttgccgg cgtcgtacca ggcggcaatg   360
tnccaaaggg ctnggatac ggcagctcat caaggacaan tnggacngcn tggcgggcgn   420
gcatcacgct tcgagcaagg caaagacgtt tgcccgacgc aaaagggcga acgtccttgc   480
gcggcctgca aggttgccga aggccgccat ggccgccgc ccggagcttg   530

<210> 7779

<211> 518
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 7779
cccctcaccc gcagcaccag caccagcacc agcaccagca acagtggaca cctcaggaac   60
aacgacgaaa accaacgcgg gaagccgtgc caatctgacg gtattactta tggatgatgc   120
cattttcccc cctttgcggc tgcggtcatc gcaatctccc ggttgcgtcg ttgctccaat   180
cacggccatc tnggcaggct gacgcgcagt gcttaaggga cagtattagc tacatatata   240
ccaagcacaa gcacatcttc ttttcncaac tcgggaatcg atggttcgtg ctttaattgg   300
tagaatgggt tttggtgcat atactgtacc tacagatgcc ccctattgga tgccaaaana   360
catcggtcaa ngaagatgat tgcgggtctt acgccgatg aataagatca tgtatgtaaa   420
tgaggnataa gatgcagaat attggaggaa ctggcgcttg cacccggccg cttngttntt   480
taggcgatcg tcgtcacgcc gnggggaaaa aaaaaaaa   518

<210> 7780
<211> 384
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 7780
gtcttcttgc cctactacct ggccagtcgg ggcgtncagt ttggcgtcac aagcgccttt   60
gagacctgga ggaactatgc gctggtacag gtctgcggca tattcggtcc tgtgcttggc   120
gctgtcatgt gtaactggaa gcccctggga cgaaggtata ccatggtcat tggggccttg   180
attaccatgg cctcttcttt gcgtactcgc aagtcaaagt ctcaggtgga aaacattgnc   240
tacagctgng tcntcttctt tacgctcgag atctactacg ggngtgctct tacngataca   300
ctgnaagatc ttntgntctt tggccaatcg tgggcaccgg gncaacngga atccgccggt   360
cccnttttgg tcnacttngc cgga   384

<210> 7781
<211> 565
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 7781
cgaatacgat ggaggatgat gaccgaagat gatggggacg aggganaagg cgagggcgaa   60
ccggaggagg aagagacaaa gatgaaagaa gaaccaccga agcctgttgc tgcaccagca   120
aagccagcca gggccgcaag ggcaccgagg tcagcgaagc ccgctgcaga gccggctacg   180
aaagaggtca agacggagac accaagcgtg cccgtcagga gcggctgggc ggntttcacc   240
tccagaccag cagcccctga cgtggaaatg gccgagggcg acgaagaaaa attcgaggtg   300
gtgtaatgaa gagaggtgtt gttccatctt gtccttagt gcgtttctgt ggcttttgt   350
gcccattcaa tatgacctgc gcgttgaaaa nggattcatg atggttaaaa ngggtttcg   420
tacaccgatc gcagcatatc tntaccaaan ttgtngatgc aaaatgggan aatgagggcc   480
tgtatgtatg ganagagang ggtttcaaag ctctgttggc agcanccgac cagcgaacat   540
caaaatgnga ttatcgattg tctct   565

<210> 7782
<211> 471
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 7782
agagagctct aaagggaaaa aagtaaaacc acaagaagtc acaccatagg tcttcctttg   60
gagcaagtga ctacctccta ggaagcatgg gccgacgact atcacgcttc ttcccagccc   120
ttctcgcctt ggccgtggtg ggatctgctg ccggggatca tgtaaaggca gcagcggcat   180
actactccca tgagggtcga tgcgcggcaa cgganccgag caagaagccc gttttcgtca   240
gancacaaac ctgctgctgc tacaaaagga gaatcccctt gaccggcgga gtttggggat   300
ttttgtgagg gagcagctag acaaatggaa ggntnctggt attgcggtgg cggttgttga   360
ntggggatga agncgtatgc ccagggctat ggatatccga cgctgccaga tgtccancta   420
cccccgagac gcttntggtc cggtgccgtt aaacgacaaa agcttacgtc g   471

<210> 7783
<211> 798
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

<400> 7783
gacaaacagc gttagaagcc tcaggctgcc ttcaagatga tttaaacaaa cctctttaga   60
gcgtttcttc cccctccgtc aaaattcagt cccaggacat taacaacatt ctccccactc   120
aatcttctcg ttcagctcac cattcggtcg acctgaactt cagccctgct ttgaatagca   180
tcaagcacga gttctctcct caacgccaac atttcctctc aaagactttc aagtcttcac   240
cacggattcc aagtcaacat ggcttcccaa ctcaacttcc gccctgccgg caccatccga   300
gcatctgtcc tgaaccccgt cgagaatccc aagcaggact ttggtctgtt cgacaacccg   360
ccgcctcgtc aacatcataa tagtcgcatt ggcaagtacc tagccaacgg tcggnactct   420
tggcacttcc cggtcgcgag aagcacgctt taacccgcaa gtccaagaac caacgaggtg   480
ggccaaaatt cttcaaggct atcggggcac ccaagaattg gcttctgcat acggcaaatc   540
gttaatcgaa tcagttctac gcatccttgg gttcacccct taactggtct ccttggaatc   600
ggncttttcg caatgcaccg ggcaccaagt acccttggtt tcantccgac actgggtaac   660
cctggncaca aagccgccaa aatgatgaac gctggagatg tcgatttgga ccnattcacc   720
gtcttggaaa ggaggngcct tcacggggct ttttttttcc ggttgcgctt tcagnttcga   780
anttancaag cggngcct   798

<210> 7784
<211> 390
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 7784
naacgcaaga ggacaaggtn gatgctgncg ctgacaagaa gcccgccgat gccgagcctg   60
aaccgatacc cttccacaag ctgcccgatc tcacccaggg cattccctcg acactcgagg   120

- 2779 -

```
ccgagctcga gcagaagagc ggcaagtcgc cgtcngtacc tggaagtcag cgaggggggag    180
ccgtcatctg gaggaggagg ccgcggccga ggtggcaggg aagaatatgt ntcgaccagc    240
gagcgcaacc gnaagtggtg gacttcgctt catgctgacc gtggccggct cgggatccgc    300
ttggtgggca ttgcgtacat gggtccgcaa ctgggaggac gaaatcgagg caagagcgcc    360
ccccgacatc cncaacggga tggagcccca                                      390


<210> 7785
<211> 371
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 7785
tcaacccgga aggggggggc ccggggggcca aaaaaaaagg gnaaaaacca aaaacccatt     60
tnttcctttt ttcaaaggna accncaattt ctttaaccgn ccccaaaccc ccggnaaaaa    120
aagggncttg ggcccgggtn cgggcctcca aaagnccaaa aaaagggnaa ggaatttccc    180
cgttnccgnc aaagncgggg gaatggaaag ccggaaccct tttcaaaggc ccggcaatta    240
cgaatcctgg aaacgggcng cttcccccct ttgggttacc cggttggtcc aaccgggntt    300
gaaagcaagt tcgccttttt gaacgtgggc ttttatgggc ggaagaatna aggcgcgggt    360
tttccttcca a                                                          371


<210> 7786
<211> 440
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 7786
ntcggcaccg aggctctcgg aacagccccc gacagccccc gaccccggcg tctagtctgt     60
gatacaaaca ttcgaacccct cggctgtact ctgcactccg gcataacagc tcgcacgagt    120
ncataaaaca tcaacgcctg ctctcgaggc ctacctagta gaactggcct tccaccgact    180
acctaccacg acaaaccaca gcccagcttc acaatggcta tccgagagcg attccgncgt    240
gccctgcgca gatccgacga ctcagacacc atcatttctc agacagactc aaataccacg    300
acatgcatcg gtcgtcggnc ccgacaagag cttcagctcc gaaactcgct ccccagctat    360
cgttgaataa gaccagnttc aacatttatc aaggacacnt cgcctcattc agcctccgca    420
gncangggaa aaagggacat                                                 440


<210> 7787
<211> 184
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 7787
ncactttatt ntttcncggg aaaggcccccc cggncgntaa cctnttggct tycaatyntc     60
tacagtcana ggaccacaac cncccggant ggntgatgac ctaccatagt tacnttngaa    120
ttgggatcca ngatgggtat cgcgnccccc ggtaaccccg gagcgtcctg gaaanctcna    180
cgac                                                                  184
```

<210> 7788
<211> 507
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 7788
ncccatcaga tacccttggg ccgatccttg caactgtcgg cggcctttct cttctattca   60
gctcttttttc ccctcgcttc ggacccgaaa gactaccgac gacaagcgac caaaggcctg   120
ncccataaac gccgtgtgcn accagttctg ntggcgacaa gggtctggcc ttagtccctg   180
gcqcctcgaa gcaagggaag gaaaaaaaac aanancattc ccaaaagaaa agaggagaan   240
gaccangggg ttcntacggg gggtctgtng qgtctagccc aacaagcct tggctttgcc   300
ttggnatgca tcggctgctg gctnttttttt tntggttggg ccctttttctt gctttnttttc 360
cgnacagcac tgacgngtta tactttttgg tgcaccttgg antcaattac acncattntt   420
tttgnatggg gctgngcgtt aaaaatggcc tttttttttt aatttggcct tttttttttnt   480
tggcttcata tgggacnang ggataaa   507

<210> 7789
<211> 259
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 7789
ngcacgaggg tgagcccgca gtagccagat ggcatcgcga gactacgctc cccagatcaa   60
gctcgagcag tcgcccgcca gcctgcagag ctcggtgccc aacgtgntcc agccgggtgg   120
cntgtcacgc ccgcccttgt cgtccaactc gtcgatgcat cccggtgctg cctntggtgc   180
ctccnactcc gncgcctctg cctctgcctc tggcgctgnc tctgnctctg gcccggncca   240
agcatcagcc tntggctca   259

<210> 7790
<211> 504
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 7790
cttgttttgg gttggctag caaaccccca ccaccacggg tgtcctctgt ttaacactac   60
gaggctctta catgatgtgt cttgtcacac tttctcattc aacgggccct gaaacatatt   120
ggggttcgct ttgcagccgt cgattctcct ttgttgctcg cagcaacagg caagagcggg   180
aagttgtatt agtccatgtt gtctttcctt cgtccttcat gtctggtgct tttctggttc   240
ttgtcagtat tatctcttgg agtttggcca cacacgacgg ggtttgtctt tgtttcgctt   300
ggggctcaca agggcatatg ggaaagtttg gtcttttgcc tttctatgtt ggtttcctgt   360
tttggttgnc tctggttcct ttatactgcg cgctggattc ggttcatgac aggtctcgcc   420
gatggaagtc actctaccac tacggntcat ctcctgnggt acatctctca cgggggttcc   480
ttcttgncac gctcttctat acgt   504

- 2781 -

<210> 7791
<211> 369
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(369)
<223> n = A,T,C or G

<400> 7791
ngttcaggtg cngcagcgat acccgtttat tccttacccg ccnaccagcc aaggcgcatn   60
cgcctngcaa gntagagccc ggcagactcc aactcanccg gatctgcctc ttanaacacc   120
nctgctcccn agagccgncg gctggcgcca angnggacgg aagcacatac acatgcacat   180
atacggntgc actctacggt ttgagacgcc ccaggctgtt gcagaaacac aagcgcgagg   240
gccaccggca gncgcacngg cttgnaagtg cccgcncgca cnacgaccac atgggcattg   300
accttcgagcc ttctttaaca agccaggtcn gaccccaacg gttgagatcg nattaaacnc   360
cgaggcaac   369

<210> 7792
<211> 633
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 7792
nccaantcat actcttctcg ctctgcctca gggaggtcat cttatacact cccaaggacc   60
agccgacnta tngggagctc nactcgcacg tcangtggaa ctactcggac gatatcctcc   120
aagccctcgc agcgccatcc gacaggcccg atgctcccat caagcggaca ggcccgacaa   180
tgctcaggag ctgggagtgg agcgggaggc ttctgggcgg tcctgtgtcc acctttagcg   240
acattgtccg agttcaccaa atgcctgcat tcaatcatct caaacggctg agcttcacaa   300
acttccaggc gccctcgctg ctcnagggtg atgatgagga tgacgagggc cacaacttgg   360
ggatgtcact caggaactac gcttgcacca ctgctgtcgc anacgcatcg cccagctnaa   420
gtctcttgaa cacctcgtct ttcantcctc tacnatcatg acgaaacaag ctgctttcct   480
tcttccaaag acttgagcac ctggaactca tcaatttgct gggaanattg aagtcttgaa   540
gaatctngcc ccagttttct gcttcactca tggnncaatg cccttccncg cccttgaccc   600
ttgatggcat taattaagtc gcttcaaacc ttc   633

<210> 7793
<211> 356
<212> DNA
<213> Tricoderma reesei

<400> 7793
gttgcacgct tatcaaacgg atacatctgt cgctgggtgg gctgagaaca agaagcgcaa   60
tatcgattca tcggaagtcg cggcttatca gactgacacg tctgttgctg gatgggctga   120
gnacaagggg cgcaatattg attccactgn ggtagcagcc tatggcggcg ctaatgttgc   180
gggttgggtt gaggacaaga agcgtagtat cgattcttcc gaggtggccg ctatcaaaca   240
gacgcctccg ttgcaggatg ggctgagaac tgatcgcgtc gtcagaacaa ggagctgtct   300
aacctgtcta acccttccat agcccgagag cataattgac acgtcttgct ggcggg   356

<210> 7794
<211> 383
<212> DNA
<213> Tricoderma reesei

- 2782 -

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 7794
gagctgaacg tgctgctctc ggcgagggac cgttctatga gaaagagacc aacacgctgc   60
gtntggtcga catcaanaag aagcagatcc tcaccgtgtc tctggatgac agcggagacg   120
gctcctcctt aaagacgata cagctggacg tctgcccaac cgtcacggca cgacatcgag   180
ggagtggacc nccaggagcg catnctgatc ggtgtcaana catggtcntt gcggtattgg   240
atcgtcagaa gggaacatat gagctgctgg ccccattcaa cacgccggan cacaatgagc   300
gtatncganc caaccgacgg ggcngnaaga ttccnaactg gcnagttttc ggcttgggga   360
ctatnacgga tttttgggca ggg   383

<210> 7795
<211> 283
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 7795
natgctgcgg aaagaagcca ccgntttgac ggacatgttc atggacctnt atcgcgggaa   60
nttcgtccga aaagttcnat ttccgatccc caccttcgtc cttttggaag ncttgtnggc   120
ctttgaaaan gtcnacccat tntcttgaac acgaccggtt gnnaaacctt aanaaaggac   180
ttggccgaat ttttcaacan ggatcctttc accattaccg aggacnatgc gtttcgcgnc   240
ttcaanaatt gtccgntggc tcttccccgt gggggacaaa aaa   283

<210> 7796
<211> 907
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(907)
<223> n = A,T,C or G

<400> 7796
nttanggcan tcgcacgagc gcttgacgct gtgttctggg acgtcccgct tgctgtgcaa   60
cctctttcag tcgtttcgay ctggtctctc tcacacacac acatacacca cacacaaacc   120
accatcgcgt cgaatcggcc aattctcttc ggcgaccctt cggggcaggc ggccttttca   180
attaaacatt ttcctttggt cttcttaagt ctccttctng gtctcgcacc agcaatctgc   240
gcgccaaggc atcggccaat caccgcccgc cacggttggc ccgcacagaa aaccacagga   300
cgaacccatc cgccattcgc aattgnattg gccagnaaga tacacacacc gcaacccccc   360
cttccagacg ggggtactcc ccgcacttcc aacttctttt ttggactnna ccccggaata   420
agtaattcgc tnacaaattt tggcngcgac cattggtatt tcaccaggca ccccggggcc   480
catttttgcgg ccctagaagc cttttagctc tgaggattac gcgatggaan cgggtggcag   540
tgataacgca aacgactatg ccttgctctt caccatcaag attcccgtca ccagctcgaa   600
tgtaggattt acaaggacgt acttacgagt agcttactac cttacctacc atcacgtcca   660
acgtaggtca atgctgcagt tgagtcagag tntcgacaca catgcctctt agttcataga   720
tgggcaagtg gctatatata gagctctcta tgcagtttta tttctgcatt aacgccgctt   780
caattcggac tgtaattaac angtcggggn gnacctgatc ngancaacg gaacgcggtg   840
ctacaaatat ntgcccagtg agatgagggc nggtcctttg ggaataaaaa ttttccgggt   900
tngacnt   907

<210> 7797

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<211> 123
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 7797
nggcaantaa ngccccctc cnccctntt gntcccttct aaaagngggc taaanaaaan    60
tactctatat cncccaaaga gnggcggngt nttttctccc naatatnttt ttgcaaaatn   120
tct                                                                123


<210> 7798
<211> 656
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(656)
<223> n = A,T,C or G

<400> 7798
cgatccgnaa tacggngaca agcctctggt gctaaagaaa cgcgtcgcat gtcccattcc    60
ggatgacgtt gaagctcttt cggacggcac cgttcagagc aagagcgaga gcaagaattc   120
aaagcccgtc aaggacgang agacatatga aaagaccaaa gtcaagggtg ttgcanctgg   180
tggatatctg atcggcncgt caccccgagt gtgatgtggt cgtcagcgaa ggagtcgtgt   240
ccaaccgaca ctgccttata ttcncagaaa aacgtttggc acngataccg tggcccgttg   300
tccgaggatg tctccagcaa cggaacntac gtcaatgagg cccttngtcg ggcgcaacca   360
gcgttgcgag ctgnaggacc aggacgagat cggntgttac nggcaaagcg agattcgtct   420
tcagataccc ccagagccgg caaacgagcg ccttctcaca acatacacgc tcttggacaa   480
agctcggcaa gggccacttt gnagaggtct atctgtgcgt ataaaagtnt accgggcaaa   540
gcgatacgcc gtcnaaaatc ttcacacagc atcccgggaa ggacaanagg ttccaagacg   600
gaaggcctgg accaaggaaa ttggcgttct tatggggtgt cagncattcc caatgt        656


<210> 7799
<211> 844
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(844)
<223> n = A,T,C or G

<400> 7799
agaggtatcc aatccctctc tcttttctct ctctcttcga cttttgtttc aggaacaaaa    60
gcttgaggat ccttcttgtc ttcctttcgt gatcttacgg aaggttgtat gagaagattc   120
tctggcgcca gcgtaagccg tcaacctgga ctttgaagcc cggagttccg tgccctttag   180
tatcttcccg tccacttaca aggacaacga agcagcacgc cctcagaccc aaatcaagcg   240
ttcacgagga ggttcaactc accctccctc aacacaagcc agccggacgg gagggtcaac   300
actcttcttt cccgcaacac gccgactcag ctcctnctcg cggcgaacac cgctttgaag   360
aagaggtccg tatcacgcgt gaggaagaac gtnaccngcc gtccnggttc ccgncagtct   420
tgaacgcttc gtgaaggaag agttcaaatt aattccacct tncttctngc gactacactg   480
agactcaagt ncaagtcnga cacttnttcg ccgnttcacc aacccattg acgcttgctg    540
agcgtgagta ttcgggaacg gtatncgtcc tcaccaccca gagagcttcn ccgnggcctn   600
ggaacttagt ttgttccgcc cgtncttcgt naacttccga acaaaggttt taactaaaca   660
actaaccanc tacaagntcc tttcgaactt ttaaccggtn gggccgaacg aagccacact   720
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ttttttgggtg ggccccggtc cccaaanggt ttcccgggggg gggggnggaa ttcaaggaat    780
cnccccgggn gggaaaaatn ccgggggagg ttnttntttt ccgngaaagg ttcccccgga    840
aacc                                                                 844


<210> 7800
<211> 548
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(548)
<223> n = A,T,C or G

<400> 7800
aggcagtgtc tcttcccatg aggtaattgg gagccaggat gcctttgagg aaagcctcaa     60
gaaaatccga cactcaatct ccgaattcag ggacaaggca gtcaagctgg atgagcgcgc    120
ggcctgggcg aagaagaaac ttgaagaagg ccttccatgg tggaacatca tcggcaaggc    180
cagactcggg ctcacgatca tcagggtgaa ccaccaatac aagtatatcg agcgacaagt    240
tngtgtttga ggggtgggct tggacaaccg caacttggtt caagcacgtt gtctttgtt    300
cttgcttggg gaccggctat gcttggtgct gctatcccga ctcgtcnaan gcatcgatgc    360
aaagaatnnc agcaatggtc ttgaangggc ttggattatc aanccccctn tcgacaagnc    420
tccaaagagc atcaagtacc aaattgctta cctgtgaagg tgaccgggaa ctttttattgt    480
ttgnatgaat accatgtgct tacccatctt ccatattctg gtattttact gcnttatngt    540
aaaaaaat                                                             548


<210> 7801
<211> 1069
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(1069)
<223> n = A,T,C or G

<400> 7801
nnttatcctg naacatttct tnggtatacg gtttactgcg tcagtgccgt acatgcctag     60
ctgtacagcc gttcctctat cccctcgtta catnacacca taacatatcg aacctttgtt    120
gaagcttcga catcctctca cttatacaat ccttaactac tattttgact actttgtcac    180
gtccatagct gcatttatat gtccgtatag gtctacagtn acgctccaca cgtgacccgc    240
gaagaatggt caaagaggga tacgaacact catcactgcc aacgccggct tataagttgc    300
aattcgagtt gcatcacaat cacgcgtcga acaagacaaa tccacaataa catctcgcta    360
tctttgacgt ggcaagtcaa cctcgccgta tgctttgcca tctcagcctc tttctagtca    420
ccagatttgc ataacgcgat gtccgctacc ctccaagtct tccgcgtggc ttcggccgcg    480
ggatgcttcc cttggcttcc tgatatatat caccatcgcc accttgtgct tgttcatcgg    540
cacatcttcc gcccgcagca gcgagcgatc gaactggcaa ctggacctcc ctgacctgtt    600
cagatcccgg ccgtgcagga tgctctctat atgggctgcg cccagcgctt ggtccgagtt    660
ggacgcccga cgacgctttg gaanggacgt cattccgagt atggactcag cacgacgagg    720
ggcaaaaacc acgttcaagc gtgtccgtca tgaacacngc tccatgcccc ttaacgaaac    780
ggactggggg gttaatcgct tcccgaaggc aactyngatc agaccaaact tgggggtatt    840
ttntaagcag taaccggacc cggggttacn gggcccggng gctnatttga tttatgaatc    900
ccttggggc attaacgaga atgtctacaa cctttacaa tgncaattta aggatgcccg    960
ancaaganat cgntcttttt ttgnattttc ccatgggaca agcanttgna ccgggccttc   1020
cnaaaccgcc ngccgngggg gtaccaattt tgccnanatg gtgggattt              1069


<210> 7802
<211> 349
<212> DNA
<213> Tricoderma reesei
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<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 7802
gagtacaaat agcttggaag gtgctgctgg ttaaaggaat ttccttcgag tatacttctt   60
tgactggcag acctgctacg aacatcattg tactgaacga cgatatcttg actccttcat   120
caatctcgcc aacctctcca tcgcatcgca tcacatcaaa cagcatccat cacaatgtct   180
cttcaatact tccccgcggt taagccctcg gcatcgtcct cggcaccttc ttcaaccacn   240
gcgtcgacct cgtcgtcctc gcccccgtct tcggccagac gtaccaccgc gcaaaggnnt   300
ccaacaccca aggaggaagt tcatccgctn ccggcgaggc cagcgggcg   349

<210> 7803
<211> 733
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

<400> 7803
tgtcctggct ttccactttc tctgccgcgt gcttggagtc agcacacggc tgggaggaag   60
ttgcagtaac gaggaaaggc atctacggaa aaaatgcaaa cattttgagg cggccctttt   120
tttgtagttt tctcggtctc atatcccatg ctccgacgga ggggaaatat taagttgtca   180
acaaagagct ggcaggtctg taccgacttt ggatatcaga ggttcaagca atatctgcgt   240
gtagctctct tccaacctca aagaagatat ataggccagt cccggcgtca taattgaagt   300
cgtccaaatc gtgtgccata tcataaagag tactcatcaa gcgtagaggg caatgtcgag   360
cttgtgaaaa aaaaaaaagt tgccgcgact gaacttaagc agtagcagca ggagcctcgg   420
cagcaggctc ctcggcggtg ccgttggcgg gaggcgcgtt tggcctcctc atcggtcttg   480
tcggggctat cgatggcgac cttgacggcg atctcacgtc cttcaatctt cctttccgtt   540
catctcaacg accggccttt tgctgganct tcttggaagc cagggtgacn aaaccnaaac   600
cacgttcctt gngtgccttt tccgcggtgc ctggagcttn ttgatcatta aaccggggat   660
ggggccggan ggcancttgg cttgacaaag gtctaatctt tgaanaactt aaaancnttt   720
ttcttggtca ggt   733

<210> 7804
<211> 104
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 7804
g??accgc? catctctgn cggagaangg nacactcttc ntgggctggt anctgtcttg   60
agccgtcncc tagtncganc tggagctgat tctnantggc cggg   104

<210> 7805
<211> 199
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature

- 2786 -

<222> (1)...(199)
<223> n = A,T,C or G

<400> 7805
nngaccgtcg cacgagacca atcttgttan tctccaccag gctngtcatc acacgatcga   60
gcgcattatc tcgantcgac tgcttctcgg aaaccacctt tatctacctg ctctccaagg   120
taatagccac agaaatcgag gctcntgctn gttttcagcn gntcaacatc ttttccgtcc   180
atnccagata cgttcacat   199

<210> 7806
<211> 458
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 7806
ccaatcctca tcacacgctt gcggcttgca tccccaaagc cgtcaattcc atctgaatca   60
cctctttgt ctcttctccc tcttcacaca tccccccgca tttcgcgatg gctgagagta   120
agacttcggc catctctgat gagcccatca acgtcctcat tgccctgcac cccaagttcg   180
acattcttga cttttccggt ccattggctg tcttttagcg cagcgcacca cgactttctc   240
cgatgaactg gatgtatttc gaactcgtgn aagaagggcc gcgggtgggt ggtccccctt   300
ttatgctggg gttccaaatg ctaaccagtt ggttccccgg nacntgaata ncttccaagg   360
attttgaagt gaccctggcc gngctngagc cgaangttct tttcttccaa gggcgccCnt   420
cgtgcangtc canaatacgt caaaagaagn ctaacgag   458

<210> 7807
<211> 284
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 7807
ntcaatntgn gcctactata cccggatgcc canaacatca cgacatcatc accggnatcg   60
ntggcaaact tgcaannagg gagcnatgtg ctattatgcc tgccttccgg ctacanaaga   120
cncagtggcc caagntcaag gtgcgacttt ggaggcattg gcgncntgta ctgcacgagg   180
acggnttctt gaacttgnct cntcccgaca cccaaacttt cccaagcttg ngctgccgtg   240
tnacattaaa nacnacctta attgattcgg ttgctgtgcc gacc   284

<210> 7808
<211> 165
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 7808
ncncttattg ggcggtccaa aatnnaaaaa ttttgttact ggganaaatg gggttgncan   50
tatggtttca anttggacct acttaggatt ttccccaac angccctttg gtctaacttn   120
aaccctttnt tntggccaac ngcctttatc taaanggtct taacc   165

<210> 7809
<211> 201
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 7809
ncacacggng ccttgggctc aagcctatga ctgcctcgag atgaacaact acnacntgga   60
tacaaccagg gcggctacta tcaggngcat gggcgactac ttcaacgata cggatacanc   120
nagcccccgc tntatggtcn agccgtgcgg ggctaacana cgantggcac gagtttnac   180
cgccatgang gatatttcac c   201

<210> 7810
<211> 152
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 7810
nntcgtatgg tggggcgagc annttcctac caaaccgttn ctcncaagtn cggnatgggg   60
tacttgagac angcgaggct gacncctact ctgacnttct tnagtggcac tccactntcc   120
ngggatggaa gcctcatcca acaacgcgac ca   152

<210> 7811
<211> 853
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(853)
<223> n = A,T,C or G

<400> 7811
agactctcuc tgcgctggtt ctgtctgagc gtcacctgtg cgacctggag ctgattctca   60
atggcggttt ctcgcctctg gagggcttca tgactgagaa tgactacaac cgtgtggtca   120
aggagaaccg gctcgagagc ggcctgctct tcagcatgcc catcaccctc gacgtggacc   180
aggcgcagat tgacgagctg tccatcaagc ccggcgcaag actcacgctg cgcgaacttt   240
cgaagaacga ccggaatctc gccattcttg acnggtcgan ggatgtgtac agggccagac   300
aaggtccaga aagccaagct ggtctttngc agcgacaatg acaccacccc ggcgtcaaca   360
ccttctgagc gtgggccaag gactttacg ttggcggaaa gctcganggc atcaacccgt   420
ctggagcat acgacttctt cgacctgcgt ttccttccgc ggagctgcga tccacttaa   480
caagctcggt tggcaaaaag gtcgtggcct ttcagacgcg aaacccgatg caccgggctc   540
aaccgcgagc tgacggtccg cgccgttcnt tccaacango aaacgttctt attcacccpg   600
tcgttggnct gaccaacccg gcgacatcga ccactttacc caatccgcgt ttaccgngcc   660
ctgntgcttg ntaccgaacg gattgggcgn cctngcctgg taccctgggc atgccatggg   720
aggcctcgan agggctntgg acnccgngat ccaagaaca cgggcccncc nttttttgtcg   780
gcgggacacc cggaccgnaa aaaangacgg aaggacatnc ggccgtcaag ccaaatcttt   840
tcaaaacaca aga   853

<210> 7812

<211> 131
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 7812
ntgaacccctt tgagggaggc cctgtccntg tcaangatcg ggtgcaagac tnngttattt   60
ttacaattgg gatctcgtcc caaacgggag cattnnactt tttnattccc caagacaacn   120
ggaccccctt t   131

<210> 7813
<211> 190
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 7813
ntttnctgga atattaaaaa tccattggaa ganctagcat caccatggnt tcttanaacc   60
ccccaagccc aanactttgn tcaaattcca agcgccgang taaaaattna agtcgngggc   120
cttttttccca ggccacccnc gttaagngtc cttcccgtcc cttttngttt tganaaatgg   180
acnccgagtt   190

<210> 7814
<211> 560
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 7814
acnaacacac accaatggga gacatggcat nttatacgct catgaaagga ctggccatta   60
atcnncatta ttctgcagta tacaaagcaa ctcaactcgg anaatcaaca tatccccgaa   120
tccgtcancc cgcaactcat caagcagatg aacagcagat acctctgctg cgctggttcg   180
gattaaatgc atcctggctt ctcctacccc gatcatggat attctgcccg ccgatacccA   240
gtcaatgggg gtcatcttat gggcggncga ccccggccgc tacgggcttc gacaagtccg   300
cccaaactcc gcgactgggg ctccggggcc aagtccgagc atcacggcgg catcctttgg   360
cttgaccgtc atnctctgaa ccatacattg tacatctctt tctgagaaac ttcngctctt   420
gtgcttttna nttcagcttc ccngngatac tgccatcgcc ggtatcnggt aanggagtta   480
tgnttcaact taagcagtcc cttgagagan cgaagccccc acacttccgc gggcggacaa   540
cgtttgtttn tnttgccgcc   560

<210> 7815
<211> 201
<212> DNA
<213> Tricoderma reesei

<400> 7815
cttctccctt ctctccttct caaccgctgg cactgccctg ttggcatcac ttctctcccc   60
caccgtcagg ttttctttct tcctgagaaa acacccgcta gtatacccctt tttctttctt   120

- 2789 -

```
cttcttcctc tttgcatctt actgctgcaa aacgttgaac tttgcgacgc ttcttctttc      180
gccatgaagt tcaacaccgt c                                                201


<210> 7816
<211> 837
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(837)
<223> n = A,T,C or G

<400> 7816
ctgcttcttc attccttttc ctgcctctgt cttgttacgc tcttttcacg agaaaaccat       60
tgtcatcttc ggttttttggt cttttttcagc gcatttggat ttggcatttt ctgagcttct     120
gctctgtact gatctcgatt tctctctttt tttctttttg gtccagccga acagaactgc       180
atcatcgact ccagctcgcc cgacgttttt tccccggagc tggcgcctca gtcttggcac       240
tggtgatctt gaccggaatc gcgacacccc ggtagctctg cacaacagaa gcagcagcag       300
aaggcgacga acaagcacca atcgatacca atcgcagcta ttttggcctc tggtcattcg       360
gcataccaac tggagaagcg gacaaatatc cctgctgctt ttttcgcatc tcgatttgca       420
gtaagacggc ggttgaccac ttcttgcgcc gtgcgaccct agcggcggca gggtccggaa       480
gctgcgcagc gctgtcaagt cgagttcgag aagaagggcc aacagacaaa gacatcgtat       540
atctggtctc atccttccg gtttttcttct ggcggaacca ggcaacaagc gcgttttaaa       600
cggtcgcctt ttcaaaagcc gcaaaagctt nacagttggc aacggnaagc cggncatgaa       660
ccgttcnaat ggnaatcgcn gnttactggc catgatggan gccggggcct tcattaaagg       720
tccagtaccc gtttgggcgt atattgnnaa atggatgtnt ttttcnatgn aaccattatn       780
tttnacaagn gggttttaaa acctgntgga attaaanacc ccattnttct tacatgn         837


<210> 7817
<211> 166
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 7817
ntgatantct gcaattngtg ttccaacnac gngaaccact cangtgtaag atctagatta        60
ctaccatacc gtgtgttgaa cnggggctcg gttcgcgana ttcgtgggtc cngcantcgg       120
nccaattcat ccaagngtga aaagaggggg gcgacttacg cntgga                     166


<210> 7818
<211> 125
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 7818
nacanggagc angacggtnc tcgnaaantc aaccctcant gtcctcngtc agactcaggt        60
cgaaccgcgg tagtgacttc tgnctcaaga cngactttnt atcggcgagg atgcncacct       120
aacac                                                                  125


<210> 7819
```

<211> 288
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 7819
ntaatnttgc cgnccantcg gcacgnggat acgctcaaca acacgcagaa gcggctgtac   60
ggcatcgcca acacgctggg cgtgagcggt gacacgatcc gnatggtggt agctgccgtg   120
cncgtgagga canagtngga ttctttgnct gcgggctgtc atgggactnt ntttcttggt   180
ttcgntgnct tccgcggatt ncacttttcc taccaatgna attgccaatt ntntgggtaa   240
gcnctgccng gagccggnnc cctttgggcg gttttttnan ggctatgg   288

<210> 7820
<211> 154
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 7820
natctttctt ctggncatct tggttttttt tggncntggg tttttcantt ncttggttgn   60
tccgntaaaa ggggnaaaaa acttggaatt ggccaancaa ccgttacccc gaattgaatt   120
ccaagtttac cggggcccgg ttcntttccn ggtc   154

<210> 7821
<211> 119
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 7821
ntgaagcaaa ggggtcnctc ttttattgtg gcttnnatac tcttcgacaa agatccctct   60
tattggagca aaatnntgga cggacatgcg caccggcanc gangaatggg ggtaacttt   119

<210> 7822
<211> 322
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 7822
ngaccaactt ggttccatgg aatctgntgg tggacttanc tgcaaaataa tcttacatat   60
acccggcccg ggttaatggt ggncgggtac atgcttccga atttatatac atcttatcgg   120
gtttgcgctt aaactaccaa cctgggtata ttaaaacatg ggcttattcc tgaactatcc   190
gtggcgctcn ttgatcctnt acttcggcaa ngtattcacc ctattttcac tctgccgata   240

tgacttgtgt atgcatgcct ggaacactgn acagacagca cgcctggtga tcaacnnaac   300
aacctgnatt cacctctatg cg   322

<210> 7823
<211> 121
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 7823
naccccacac cttngcncaa ctgaccgccn tgaaaatttt caaagggtga cccgtgatgg   60
cttaactgac tntcnctaac gggatatgag cctgcttcgc natcccgacg gctgcactgg   120
a   121

<210> 7824
<211> 437
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 7824
taggtgatag cgtcaaaaca aacataaaca ggggaacgaa taccgggcac gttgggtaga   60
ggggcggtgg aggcgaaaga gggcaacaga agcgtccatc attcagcagc gaacacacca   120
gacgggttcc gtcaccggat caacaggcag taataacgga caatcaccct gcgccaaccg   180
tctctcctaa tttccctaac cgaaaacaaa tccgaagttc catgaccact ctcccctcaa   240
accagagaag caacgcgcat gcgtaccggt gctgcgtntg ctaggccagc cctccaacat   300
gattccatct atcgccatgt tgaaagggcg gggcgagagc attcagatat aaaacaaaac   360
gaagtttaaa aacgaccctc ngtcttgtgc cgagttttga gccgcgacan angtaagaan   420
gatttangaa agtacct   437

<210> 7825
<211> 326
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 7825
ncaatggnat cnaaaagggg ccgnttcaga atgaanctcc aacntgccca gcntggggtt   60
naggaggagt tcanccggtt ggnccgtggg gatcttttttg ggnantgacc ccttcgtngg   120
aantgcccgg cnaaccaang aatggtttaa naaaaggaaa atgggntggg tgnaagcang   180
gccaanggat tcttgttggg anaaccattg aagtttnatt tggaactttg gccgggcccc   240
ttgaaaaaaa aaangggggaa ttttggcncc ttgnattccg gggtggaagg ctttttttttn   300
gggaanaaaa aantggcttn gcttgc   326

<210> 7826
<211> 109
<212> DNA
<213> Tricoderma reesei

```
<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G


<400> 7826
nggcctaacg actggatata cnaatcngcc caggaagana acgcntctga gganatcatn      60
actctnaatg aatccncgaa ctntatctac tgttnnacat cgcggatt                  108


<210> 7827
<211> 430
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G


<400> 7827
nacgggccgg ccacgangcc gnattantga aaggaacgta aatagagcag agaagctgca      60
gtctctcttg gagacgttga cactccaggt tttcttactg cccacaacca ctgcacaatc     120
acctctttcc ttacgcgaga ttgggcacaa gaagcagacg agcggtacta cgcaatcact     180
gtcgcttcta gactttcaat tgcttcttcc ctctaatcta cctcacaaac acaaaaattg     240
tctgccatga aggtcatcct cgccatcaac gccggctcca gctccgtcaa gatatccgtc     300
tatctggcga caagaggacg gngccgcgcc agattgccga gtctcaagtg agcggactca     360
cagctccgca gctaagctga aatactcgcg gngtggtgag accgttatta aanacaaaat     420
gtggacaatg                                                           430


<210> 7828
<211> 358
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G


<400> 7828
nggaaaacaa cctacccgga cagcaacaat ggggaagant ggtgcaatgg ngatccgnac      60
ccggatttgg tnttgcccca ttccggaaac acttggggan cttggttggt tggaattctt     120
tggtctnggg tcaaacccaa gccggncaag tggtgaacgg gaccaancga naaggagtgg     180
ggcttccaan ttggacttcc actggggcgc ttcccaanat gcccttgnga aaccggngcc     240
tttaaagctt ggnggcttng ggttncaaac ctactttttgg gcnggttttt annaaaaccc   300
aaacccaatn ggttcctgnt aangggtttt gnggacccgg gctttnaaaa caatggat      358


<210> 7829
<211> 384
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G


<400> 7829
ntttaagctg gncgacnact acttcgaaan tnaaggtgaa caccntgaac ccgnaaggga      60
```

```
ntgggaaaac tttccngana aacttcttaa cngcaccttc caaaacaaag aatggngctg      120
gtggnnaggg gtcccggtnn cccggctaac ganttttcgnt tnaagtttga cggnccagaa     180
attnacaaga atatcttatt ggctggcttc cgatgatgcc gggtcaccca agangattac      240
gccgctcaan ganggttta agcgatcctg gaaggatcgc tacagancca ggcaacgntt       300
tgacactcga cacttttcat cttaagcgcc gtcttgccaa atgaacgcat aacgaaacct      360
gnacttnacg acnatntgat gcaa                                            384
```

<210> 7830
<211> 207
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 7830
```
nccgatctcg cctgtaaaca ancctctcga nngacatctt tcntgtttaa gggggangg      60
tttatngccc atcctcctat ggatattcaa ggctccggat caaagcctng ataatggtga      120
aaaatacccc atnggcttcg gantgatacg cgcaaccgtt tgtcttttt tnggatccgg       180
cttgggntgt atttttngtt atnacgg                                         207
```

<210> 7831
<211> 265
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 7831
```
ngggnttttn tccnattcgc atcgncgagg gcccatttgn cctgcaaacc accgaccanc      60
cttcggccat nctgganatg cccncgccag ggntcttatt gggcccgngt gacattcttg      120
acaccctgct caagcgctng ggaaancaag gacaacatcg atccccggna agtaccgntt      180
tcngaccttt gccacggtca anactgggga caaagcccta tgccgagttn ntcaactgng      240
ggctntgggt ccccnagtgg tgtgt                                           265
```

<210> 7832
<211> 223
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 7832
```
nccataaaa gaaggaatgc gaacagggga agaagtaata gnttttaatt gggccnttgg       60
tttggngccc naacttactt tnttgccccc gcntggcngg tgncaaacaa nttttgnaan      120
tacacaaacc gcntttcttt ttggttcntt tggaantttg ggncnaaccg caaattcngt      180
nttggggctt tttngggggtt tcnaaccttg tcnaantccc aat                      223
```

<210> 7833
<211> 524
<212> DNA
<213> Tricoderma reesei

```
<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G


<400> 7833
cacaaggtan gccgcgaaaa tcgagcacgc gggcttcttg aatacgacaa acaacgtttt        60
ggatatgaac tttggagacc tcgatcctgc caacaacgcc atgatgatcc cggctggagt       120
gcagatgcga ggccgcgctg gaagcaacat gtccatgggc aacaatggcc gcatgatggt       180
taacggcgga accatgaatg gccatatgaa cggcatggcg caacagcgtc cctttttctt       240
tgacacccat tgctaccgga tcagatccta aagcgtcttg ctaatgaaat gaggagcgcc       300
aagctccagg ctcaagatct gaatcgcacg agccagttca tcaacactct cctatccaaa       360
gacgacctaa agggacgttg agaaacttga agctttcgga acngtcgaaa cctcagacca       420
tggtcaacgg caatctttct tccggtcaga cccaangcgc gcttttncga tccttctgca       480
ccaccgnctc aacagcctct tcccgaaaag ccagatgtgc cctt                        524


<210> 7834
<211> 166
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G


<400> 7834
naagaccnaa ggcgctgccc ccaaggtcaa gttcngntct gtcacnccag ctaccangac        60
atgaattaac cgatgccntt tgtcnatntc aaggatcgca atgggttcca gtcgtanagt       120
ttnttgaaga agtnttntca agggccaacn acacctttga accgtg                      166


<210> 7835
<211> 156
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G


<400> 7835
naccgcctgg gtgacntcta gntttccgga ctgngttaag ctttagcctg gatgacccca        60
acnaaatgnc cggtgcatcc ccttttngag aagtccggtg ccatcaacng atcctntntt       120
caagaatggg ttttcttttc agtcgccgaa gaacct                                 156


<210> 7836
<211> 665
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G


<400> 7836
atccgcgctt gaacccgggc agtctgtctc gacgaccgcg tagtccaacg actgctccgg        60
gtgcagcgag gagcatggca gaggagaacc gggatatcgt gggcgatctg ccgtccacgg       120
```

```
ggaagaatta caacgaggag ctagccaagc cagacctcgc atctatccga aagcccagct      180
tctctgccgc gcagagcatc gacatctctg accatgacgg cctccacatc attcttccgt      240
cctcggcgtc gcgggccaca gcagcgggct gttgcgaaac ctcaaaaatt gngtcattga      300
cctttcgata cccacaagcc caggggcgca ccattnccgg gttttatatt gaaggatttc      360
gacaggtgtc ttattgtggg canggcagaa gtgaaccggg ccttnttcat atcaaacgac      420
gtngacccaa cangcattct cgtccgttt  gtnancccg  aaaanggttc gggattccat      480
taacttgggn aagaaaccgt cgntatattt taatttgggn cttggggccc aggcncaccc      540
ccnaatttat tcgaaaaaaa attggttttn ggggccatng cccccntttn gcttttcttt      600
ttnggccggg gagtnttttt attttttaac ccgggagggg nccccaccna aanttcggaa      660
tccgg                                                                 665


<210> 7837
<211> 351
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G


<400> 7837
aagaagatcc agcgtggatt ctgatgatag cctcctgtca gcaggctctc tcagcccagt       60
cacggcaaga aggcgcgaaa atcgcatgtc aacgggtagc ggtcgcaaca ggtcccttgt      120
atcactgggc tccattgccg aagagcccaa aacaccgggc ccagaggagg gctcccatcc      180
agtggccacg ggcggctaca tgaagaacgg ngccggcttt ggtcgtgcaa agagccccgc      240
gattgacaag gcgagcacct catgatgaaa gggagcttan gttgntggaa aagcatgggc      300
atgtnaatga ccaaatcnag tntattaaaa tccgaaccgc nggacattgg a              351


<210> 7838
<211> 173
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G


<400> 7838
nacntgtcct tgncaataac tgnctngtcc aagcgcctnc tacatcattn atcancgtgc       60
gatcgggaaa gcattgctac cganacagga tcngtgtgtg acgactggtg gaaatgtaga      120
tcgngtcatt tggatnagat anttttttcca taacgaaaac actgaggaac tag            173


<210> 7839
<211> 112
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G


<400> 7839
nnacttccca atggcattnt ggactgnttc ggctnccttn gtgaaaccga cctaagngtg       60
agggnattng accaattana taagcaacta ggcccnttat gcnttcagcg ag             112


<210> 7840
<211> 154
```

<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 7840
ttctctcttc aaccgccaaa atggtatctt tccgccccat ttctcgctcc atctctctcg   60
cctcgcgagc tttccctttt tttctgggct ttttcgcgcc angttttcac ttcccgggnc   120
tttggcngtt ccaaagtggg ngntttcttc ttct   154

<210> 7841
<211> 370
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 7841
ngaaccaacc cacttgnttg gccccaanaa ccaacccggt gncccaaaaa ccaattggtt   60
ggcnangctt tcgttnggtc agctttttcc ttcnccggtc ccagaaacca tttacccaan   120
ccaaccaccc ccccgntggg ccccgttggg gttttnggta cttnggggnt tggtcccctt   180
tttccgggtn gggaaacngg nactaactca cgggggnttt ccaattggtt cccnncaaac   240
gccgggtttt tgttttnttg gccgggcctn gcaatgttcg ntttnggggg ccttttggcc   300
tnaagggnac ttttcaattn tgtttttnga aaanccgggg gnaaacnggt atttaaaaaa   360
ananaaaaaa   370

<210> 7842
<211> 395
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 7842
gggctagctc tcttgcagtg gcttgtggta tataaacagc ccgacgccca gccctacctg   60
cgaccatcgt tccttcgcgc tctgcattct tcacgatttc ctacatcaat cgcatcaccg   120
ctttcgccac gcactgcttt ctatcaggca gacgacgatc tcatcacaca catcaaacac   180
aacacacaca gctctcatca caatggctga acacctcaac gttcttatct cgaccttcaa   240
gggtctcggc cttccaccga ccttggtctt gcgcacagct ccatcgacta cggtgacctc   300
tctgcgacaa cagattgatg gcaaactgcc ttcccggcgc caccggaatc aaagctcntc   360
atcacaacaa ccttcaaaat ngagagctgg cncca   395

<210> 7843
<211> 472
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

- 2797 -

<400> 7843
nnagcgccga atcggcacga gggatagcga acctccccgt cctaattaca tcagaggaca   60
cactctagcc gatttaggga ggcaaaccgg acatctgggt ttcatccaga cctcgcatga   120
tctccgactt ctaagtttcc gggtttttgga ccagagcaga gaggctgagc acggnaaacg   180
gtccgctggt ggaagctgga ccccctttagc tctacattct ccctcccgta tcatttatca   240
ctggaatttc tcggcttcta atcagatcat tcgctttctg tctgattcaa ttcttgttgc   300
tttcttcccg cttncaatct gaaaattngca agctttgagc tgggcggaat tggctggcat   360
cgacctttac gactcgagtn cagtgacnac ttttcgacag cgcattcgaa tggggccgtc   420
taaggagcca tgtctttnaa gttgatgggt tggtcgcggc cctttgcctg gc   472

<210> 7844
<211> 621
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 7844
ngcagacatt ctcggacttg ttggcgattc ggcctgtttc tgacctgcaa tagcctcctt   60
ctggaatttg cataccgcgg ctgctgcgac agcgtctcat ctcatatacg agccctactt   120
tctcccgtcc tggcctctgc tcagcttact ctcttaattc cctgcgcttc tcattactac   180
tgggcaagac aagaggggggc gccgccagcc tctggaattg gtctgcctgc agttggcttt   240
ttcaccccccc aaagctcaac agctaccctt acctactgct taatttcngg cccatggggc   300
ttctcgtccc gtgctaancc acccccccgga ggagcagaaa ncctcgacng gttggcaagc   360
aaatcgatct tccgtcgacg aaaggcaaga tcgacaacga tgacgatacc caagtgatgg   420
agcccggatc aaggcaatgg taactgcgca acaccagaat ggcggggggaa ggggaagatg   480
accttggcat gacgatgtat tcgggtgctg ggctcggctt atgatgctgc tgcctttgcc   540
tcgccgacat cgcccgccgg agtatcaaan aagaaaaagc nggaggatga nggatntggt   600
ggnaatggga caaaggaaag a   621

<210> 7845
<211> 223
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 7845
ncgaagtaac gatcacangg ctggtcctta atactacatg acnttcaaac aacacgaccg   60
aaaacgctnc cttcctcctt ctgttttttc ccgggagcgg acctctcgtn cgaataccct   120
tattcctctt ttacgacaaa gnactcttng caaaacatct ttgtaccttt ttggggtttc   180
tcggttttta tgggctaacg gaatggttgt tgcnggccat tat   223

<210> 7846
<211> 465
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

- 2798 -

<400> 7846
```
cattttcttt tccttatttg tctaacattc ctctatacct ctcttgcatg gcgttatctg    60
cttatcatcc gttccttggc tcacttgtcc gacctccttt gtcttcttca ctttgcaatt   120
tcaaatttct agccgggtgt gcttcctcac atatgtcccc tctctctaaa gacgtgttgg   180
tatatataat ccacttccct ggtcatgttg ccctgcctct ttcttttatc tccccagaat   240
tttatagcca tctggttcgg caaccactta ttcgcatctg ttgggcgaag ctctaggagc   300
ttcccctctg gacttctcat ccgccagang gcgctnaacc gtcntttact ctcatgatgg   360
cttgcccgtt acgggacagc gtgttatatt ttccctttcn ccacgaagtg gcgtantngg   420
ggacttgtta caggatagct gggaatgggt nagctaggan aattt                   465
```

<210> 7847
<211> 404
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 7847
```
ngttnttaat taaagggtgg ttngcgtaca ncaggattgg ttggccaagg cccggaaagn    60
accgacttcc agnacccttg anctttaatc ganccccttt tcnagcgang gcaacttgna   120
aagccgtgac ggtccctntt gttgaancaa ctgggcaccc aacgtgatcc gaacctaagc   180
ccatngaacc ncaaaggcgn acacttccgg ctgnatgaag ctggttaacg aatgccggna   240
tntaagtttt tttccgnact tgggncgaag ccnttttgn tcaataaacc cgngacaccc   300
ctggctggaa caaccggagt tnnttcaacc ggtttcaagg ggcgtcnngt caacaaaatg   360
tcccantacc caaangtatt nggttatttt gccgggtaac gagg                    404
```

<210> 7848
<211> 135
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 7848
```
ngatccncgn actgccccaa gtgccggnta ngatgctggc ncgggcatca atngacagtg    60
acgatcttct cgagcaangg cgganccccg gaccggatcc tttatncacc gccnttctta   120
nctcttacgg ggttg                                                    135
```

<210> 7849
<211> 247
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc feature
<222> (1)...(247)
<223> n - A,T,C or G

<400> 7849
```
ngcgcaccaa gacggtttac tccatggtct ttgacnaacc tcgcgtttac ccaacattcgc    60
ctttctttga ctactacttt tccgaccaat nctgccngtc accaagatcc cgagaaatac   120
cgtcngacta agtnttcact ggcnaangac attgggcctt aactttgtca tgtccaatgt   180
tgaccggatc aagccccttt gcttggtccn agnggagcag ncagtatatc aaacctggac   240
ctttagg                                                             247
```

<210> 7850
<211> 124
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 7850
gtacagcgca ccatgccccg cctccacact cgatncttac aaccttntat atcaagccat   60
tgcatcatct cancagtacg catacccatg actatccttc tttgagcgct cttgccctcn   120
tcga   124

<210> 7851
<211> 736
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

<400> 7851
atacgcaggc catactgcgg gttggtgagg gcgagggcga gatggattac ctcgtaatga   60
cttttcatgac caagatggag ttgcggtcgc tcgtgtttac tatcagcggc ctggtcaact   120
ttcacaagcc ttcctcacag ggtcgcaggt caactgaatt ctggaaggaa ggcttaaaga   180
ttctcgaaac atgggacgcc tcaacggccg gcataccata cggcgcccct gttcccctaa   240
atgtggcaat caaacagcgg gcctggcgaa tagaggcaca ggcttacttg actgtcctcc   300
tggggttcgt agctgcagtc actgccaatg gtcaacggtc aagcagttgc ttcagaatct   360
cgagaacctg gtctcgcctc gacgcagccg actgtgagat tgctcttcac ctatctaaag   420
ggcgtctacc accagggcat cggcagcctg caagcccgcc tcgacatctt cctcgacgac   480
cgttcaaggt ccaacagcag ggcaacacng gaattaaagc cggcaacaaa gaaggtgcct   540
tcttgcggcc tgaaccgggt ntggatcatg cacacccgtc gtgtcgaaac gccaagaaac   600
gccggacctt attgaacaag ttcagccgac ttgggccaac caaagaacat ttgatnttcg   660
gacggctacc acaacgttat nggngggcct ngngacggaa ccgcccaana gnttaaccag   720
naaaagcagg acattc   736

<210> 7852
<211> 349
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 7852
naagcccgat cngcacgagg ggatggcttc agtcgtatta tcactagggn attgtttccc   50
aagccggctt caaaacacac agataaacca ccaactctac aaccaaagac tttttgatca   120
atccaacaac ttctctcaac atgtctgctg caaccngtca cccgcactgc aaccgccgct   180
gttgcagac ccgggttct tcatgcaagt tccggacgga tgggactcct cattcggagc   240
caccaagccc tttgagccng actcttccgt ccacctatga aagcctngca cggaccccna   300
cctattgcta agctatgtcn gtntaggacc ggcttggcca agtttaggc   349

<210> 7853

<211> 187
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 7853
nagcctattc ttcanctcgn ggacatgngc nggcatgtat gtggcaagtt ggcgcgttnt   60
cttcaacctt tgttgnccac aactgaatgc tctagtctct gntcactang ctaatagatt   120
aactcanccc aantggtcac ataaanaaaa tgtttactct gncgaggagn gtactcatgg   180
aaagatc   187

<210> 7854
<211> 145
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 7854
nangaccctt cttacgccgg ttaataaccg gcaaaagcaa gaaaccttac ttccggctnt   60
ttcctcaaaa aagttcgcca ncggacttgg taaaggacnt taacagccac caaataaaga   120
anattggcag caccgcttac ccgcg   145

<210> 7855
<211> 283
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 7855
ntctancgct ctttcgaagc gccctngcta cacgaagctc gacaaatggc acaccgtcat   60
catcgaacag gaggagacnt accattncaa catcaangcc cagagcagag aggttaancc   120
ncctggagaa angaangctt gaanctgcat aaacagaccc gcangggacc gtggcccgct   190
ttcgagccca tcttcgtnga cttgacttan caagctcgac gggccttggn caagnccttn   240
cttgctgacc nttgcaacng acgcttgttg acnggaaaag tca   283

<210> 7856
<211> 328
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 7856
ctacccaaag aagcagacac tcgagctttc gacgagcgtc tgttctggat tgatcaccag   60
cttgcagctg ttatcctcga gccctcgtga gtcgaacagg acaacatcg acttgctgtt   120

```
gcttgccgct gtcctgagcc tcgcgccgca ccgcatcacg acagcttcgc ccggtgtctt      180
tctgtttttgt tggggggaaaaa aactcgtgtc caccgcaacg tagcacctgc ccgtgatacc      240
gtgggcaagc tctgcgacag gacctacccc gcactcggnc gccttcttta agcgcatcct      300
tcggttttgc cctccaaacc gtctctct                                         328


<210> 7857
<211> 733
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G


<400> 7857
atgaacgcga aaaaggctgc tctacctggc tagtaggtat tattctcacc ggctgtggca       60
gccacttgca tgcagtcaag gcctatgtgc ttcgttcata tgcctgtatg ttgaggtgca      120
ttgcattgga ttcatgtagg gggtcgcttt tcagtagtat taatggatca ggtaacgtac      180
ctacaagtat aaacgagcag tttcagctgg cagtggctgc gggctatcag gcaggtaggc      240
atctaaggta gtagtggaag agaaacctga ctgtttgctt cgggcatgtc tatcagtcaa      300
ggcactattg cctacctacc tactacccaa taccttacct agtacctccc ctgccttcag      360
gttgatgctc cctcagtacc tgtgccttat aaatatcacg ccaggtcggt gccttgtcct      420
tgcccgaaca gacatctctt gacctcgaca accttccttc tgctcgtcag accatggcca      480
acgaccaaga tgctcttctt tctcgcggag aggaattgct ttctctggcc gaacaacctc      540
ctttctttgc ggaagtcagc cttgccgcta ggcagccatg acgtgggaga tcatgtgctt      600
ggcttcatcg acactttccg cgatcctntt nagggcgcga atatntttac ttttaanggt      660
gacctcagcg antccttaag ttcatcatca atccgaattt nattntccct tttacggggg      720
gaggatnaca atg                                                        733


<210> 7858
<211> 156
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G


<400> 7858
ncacagcctt gcaaaatngt gggaatnggc caagaacact caaactattc tttaccctcc       60
catgnatgtn taacnataac cngatntaaa aaaaaaanga ggcgtaccca aacnncatca      120
acnaagacgt tnttctacgn cccagccntc tggctt                                156


<210> 7859
<211> 240
<212> DNA
<213> Tricoderma reesei


<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G


<400> 7859
nctgncgatt cgnacgangc actggatanc cagtaatttc acancagtct atttgagcat       60
attcatcact tatncaacac acttcagacc catcacnatg tnttttcgat caaacaactc      120
cgttgtcatc atcggctctg gcccaggcat tggttcgtac acagccgcca tcttcacttn      180
caaccaattt aacaaggncg cacctngtgg ctanaaagct ctgnccatct ggagaaagat      240
```

<210> 7860
<211> 217
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(217)
<223> n = A,T,C or G

<400> 7860
cgtccatcct tggaaatggc caagaggagt ctatcctgcc cgcagatttc atcatgcctc   60
acgagaacaa ctacttgtcg tctcccccgg gggtaattat cgagttgcag tcgctggagc   120
tgggcacgcc gatagcagag tgcgtncacc cgacgcctct ggcagaaatc gtcgtgactc   180
ccatccatga gaaccatcgg gctccggatc tgccttc   217